

## AIESEC stručne prakse

**Međunarodna stručna praksa** jedna je od mogućnosti koju pruža međunarodna studentska organizacija **AIESEC**.

Praksa je namijenjena svim **studentima, apsolventima** te onima koji su stekli zadnju diplomu u posljednje **dvije godine** na području:

- Poslovne ekonomije
- Informacijske tehnologije
- Učiteljskih zanimanja/jezika.

## Stručne prakse IT

**Stručne prakse IT** namijenjene su studentima **računalstva, elektrotehnike te svim ostalim studentima koji posjeduju odgovarajuće vještine i iskustvo rada u IT-u.**

Studenti koji žele otići na praksu iz **telekomunikacija** moraju poznavati rad i nekom od sustava za database management: DB/2, Microsoft Access, Oracle, Sybase.

Studenti koji žele ići na praksu u području **programiranja** moraju posjedovati vještine rada u aplikacijskom ili web programiranju u jednom od sljedećih programa: HTML, C++, Java, Python, C#, Cobol, Javascript itd.

Isto tako moraju poznavati rad u programima mobilnih aplikacija.

**Prethodno iskustvo nije od velike važnosti**, ukoliko se praktikant služi prethodnim programima aktivno. Poželjno je solidno korištenje engleskog jezika.

Na području IT-a nudimo 4 vrste praksi:

- Web development
- Software development
- Mobile applications
- Telecommunications

**Vrijeme trajanja** prakse na području IT-a najčešće je **3 mjeseca** na kraćim projektima **do godine dana** na zahtjevnijim projektima.

Odlaskom na ovu vrstu prakse studenti stječu mogućnost usavršiti svoje znanje na navedenim područjima te se profesionalno razviti kroz **rad u tvrtkama i organizacijama** na stvarnim projektima koji ulaze u portfolio praktikanta. Rad u internacionalnom okruženju donosi priliku rada na **novim tehnologijama** i s **novim programima** što je od velike važnosti pri povratku nazad i implementaciji na budućem poslu.

Osim profesionalnog razvoja, **usavršavanje stranih jezika** dolazi kao usputna pogodnost.

## Primjeri praksi

Prakse u ovom dokumentu su samo primjeri izvučeni iz AIESEC internog sustava praksi u kojem se nalazi nekoliko tisuća njih. Ukoliko imate ikakvih pitanja – o trajanju prakse, o nekoj konkretnoj praksi, želite da vas prijavimo na neku od njih javite se na [franciska.perkovic@aiasec.net](mailto:franciska.perkovic@aiasec.net).

Napomena: navedene prakse su samo primjeri, a ono što je označeno sa „prefferred“ je neobavezan uvjet.

# Uniplicity

## Programming

AIIESEC KAUNAS, LITHUANIA

### About Uniplicity

Uniplicity | Report "Every entity (profit or not) exists to realize value for its stakeholders. The organization that fails to recognize the risk from external or internal sources and fails to manage those risks, destroys value." (Frans Wauters, September 2008). Reports are distinguished in the following types: Predefined reports. These are auto generated reports often based on data in financial systems. Those reports are created through predefined formats without any involvement of the user. Examples are: a profit & loss statement, a balance sheet, overview accounts receivable, etc. Custom reports. Those reports are create by combining data from different systems, combined with information (explanatory text) added by a user. There are two types of multi source reports. internally used reports like: management report, budgets and plans, manuals, research reports, business cases, quality handbook,accounting manuals, etc. externally used reports like: quarterly- and annual report, environmental report, ISO report, Social reports, 10K, 20Fetc [www.uniplicity.lt](http://www.uniplicity.lt), [www.sourceplicity.com](http://www.sourceplicity.com)

### Job Description

Department the intern will be working	NET project development
Job Description1	Participate in C#. NET PROJECT DEVELOPMENT
Job Description2	Participate in analysis and design of the project
Job Description3	Work in an SCRUM team
Job Description4	Ability to write elegant, readable adn well- documented code
Measurable results expected from the intern	The best work in The NET PROJECTS. To show IT and programing skill during work with IT PROJECTS. Given tasks will be done
Preparation required from the intern before arrival	To get to know more about the company, products, read the webpage, understand the competitors of the company.
Details on the Working Conditions	Personal Workspace Computer Internet Access Any Other
Other Details of the Working Conditions	During lunch time can play table football or xbox
Learning points that the intern might obtain during the internship	Programing Management of NET PROJECTS Logical and creativity thinking creative new IT PROJECT. Team work, experience in working with programming.

### Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 9:00 To 17:00 With a total of 40 hours per week Saturday work None
Payment	Salary in US \$572

### Organisational Preferences

Minimum Duration	6 Weeks (Preferred)
Maximum Duration	78 Weeks (Preferred)
Degree	Bachelor (Preferred)

## Backgrounds

Information Technology	<b>Software Development and Programming(Required)</b> Database Management(Preferred)
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## Skills

Computer	<b>PC User Skills(Required)</b> <b>Internet User Skills(Required)</b> <b>Mac User Skills(Required)</b>
Databases	<b>Microsoft SQL Server(Required)</b> <b>MySQL(Required)</b>
Development Environment (IDE)	<b>Visual Studio(Required)</b>
Network management and data transmission	<b>TCP/IP(Required)</b> <b>LAN (local area network)(Required)</b>
Operating systems	<b>X-Windows(Required)</b> UNIX/Linux OS(Preferred) <b>Windows Operating Systems(Required)</b>
Programming skills	<b>C(Required)</b> <b>ASP(Required)</b> <b>J#(Required)</b> Visual Basic(Preferred) <b>Ajax(Required)</b> Java(Preferred) XML(Preferred) <b>Jscript(Required)</b> <b>HTML 5(Required)</b>

## Languages

Excellent	<b>English(Required)</b>
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# code4business Software GmbH

Development of business software in an agile development team  
AIESEC AACHEN, GERMANY

## About code4business Software GmbH



[code4business](#) has its roots in the Research Institute for Operations Management (FIR) in Aachen, Germany. With good reputation in business software selection and process reorganization FIR ships software solutions since 2005. code4business offers business software written in C# and Magento, especially for Shareholder Relationship Management and innovative eCommerce-Systems. Our approach helps our customers figure out the exact features required by their business.

## Job Description

Department the intern will be working

Software Development

Job Description1

- Develop business software with PHP/ZendFramework and C#
- Integrate this software with other Systems

Job Description2

- Acquire knowledge in software-engineering and Magento

Job Description3

- Module development

Job Description4

- Package and deployment to customers

Job Description5

- Develop for external customers

Job Description6

- Become part of the currently formed agile development team
- Working on current projects

Details on the Working Conditions

Personal Workspace  
Computer  
Internet Access  
Any Other

Other Details of the Working Conditions

- Young team using modern agile processes (eXtreme Programming) and techniques
- Participation to conferences and training with all IT employees
- Social events for employees
- Lunch included

Learning points that the intern might obtain during the internship

- The salary will be paid in EUR and will amount to 675 EUR per month
- Project lead experience in programming
- Responsibility to develop for external customers
- A growing start-up company spirit and responsibility
- Professional work with software development

Additional information a potential candidate may require for the Internship

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You should have a solid Computer Science and Programming background.

Good **knowledge** in:

- Java, C# or PHP
- SQL
- Databases

**Preferred knowledge** in:

- ERP-Systems
- GUI Design
- Web Design
- Magento

## Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 9:00 To 18:00 With a total of 40 hours per week Saturday work None
Payment	Salary in US \$900

## Organisational Preferences

Minimum Duration	<b>39 Weeks (Required)</b>
Maximum Duration	<b>52 Weeks (Required)</b>
Degree	Bachelor (Preferred)

## Backgrounds

Information Technology	<b>Software Development and Programming(Required)</b>
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## Skills

Computer	<b>Internet User Skills(Required)</b> <b>PC User Skills(Required)</b>
Programming skills	<b>Java(Required)</b> <b>C#(Required)</b> <b>SQL(Required)</b>

**PHP(Required)**

**Languages**

Good

Basic

**English(Required)**

German(Preferred)

# New City Company

## Network Engineer

AIIESEC BEOGRAD EF, SERBIA

### About New City Company

New City Company is a company for engineering, consulting and management. The company itself has several focus fields. One of them is telecommunications and developing IP telephony. On the other hand, the company deals with HR processes, which include finding the best stuff for other firms, doing all administrative operations and going between employers and employees. Moreover, the company offers consulting services in managing human resources.

### Job Description

Department the intern will be working	IP telephony
Job Description1	The intern should understand selected telecom service providers business and operational models, end-to-end customer's network architecture including network infrastructure, IT/OSS/BSS as well as their sales and marketing processes and to be able to propose some new solutions.
Job Description2	The intern will be in charge of creating solutions for developing VoIP and he will be a part of a team that will be in charge of the whole new subsidiary of the company
Job Description3	Share opportunity information to address customer needs with the rest of the organization.
Job Description4	Do market research and provide solutions to address customer needs.
Job Description5	Elaborate technical-commercial proposals that will drive operational savings while create new services and/or proposal toward their end customers.
Job Description6	Work on finding customers and customer relationship management.
Measurable results expected from the intern	Designing a network connectivity for the requirements gathered, identifying and creating opportunities based on customer strategic, business and technical needs, increased productivity, good customer relations
Preparation required from the intern before arrival	Preparations regarding IP telephony and good knowledge about that field
Details on the Working Conditions	Personal Workspace Computer Internet Access Any Other
Other Details of the Working Conditions	Transportation to work will be provided or paid, as well as one meal during work time. The salary has the tendency to grow, if the intern does his job well in the first month then the salary is going to be higher
Learning points that the intern might obtain during the internship	- Able to understand the business/user requirements - Able to Design a network connectivity for the requirements gathered - Manage and monitor the network components - Develop CRM and sales skills - Develop initiative, innovation and skills of running a complete new business
Additional information a potential candidate may require for the Internship	Visa for more than 90 days for staying in Serbia if the job goes well and the internship lasts for more than 3 months.



## Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 8:00 To 16:00 With a total of 40 hours per week Saturday work None
Payment	Salary in US \$465

## Organisational Preferences

Internship Earliest Start Date	01.10.2013 (Preferred)
Internship Latest Date	31.05.2014 (Preferred)
Minimum Duration	6 Weeks (Preferred)
Maximum Duration	34 Weeks (Preferred)
Degree	Masters (Preferred)

## Backgrounds

Engineering	Electrical Engineering(Preferred) <b>Telecommunications Engineering(Required)</b>
Information Technology	<b>Telecommunications(Required)</b> <b>Network Management &amp; Data Transmission(Required)</b>
Marketing	Customer Relationship Management(Preferred) Market Research & Evaluation(Preferred)

## Skills

Computer	<b>PC User Skills(Required)</b> <b>Internet User Skills(Required)</b>
Databases	<b>Microsoft SQL Server(Required)</b> <b>MySQL(Required)</b>
Network management and data transmission	<b>TCP/IP(Required)</b> <b>Voice - IP Telephony (VoIP)(Required)</b>
Operating systems	<b>Windows Operating Systems(Required)</b> UNIX/Linux OS(Preferred) MacOS(Preferred)
Personal skills and knowledge	Driver's licence(Preferred)
Programming skills	C++(Preferred) <b>HTML(Required)</b> <b>XML(Required)</b> <b>C#(Required)</b> <b>Pascal(Required)</b> <b>Java(Required)</b> <b>Javascript(Required)</b>

**SQL(Required)**

**PHP(Required)**

## Languages

Excellent

Good

**English(Required)**

Russian(Preferred)

Slavic (Bosnian, Serbian, Croatian)(Preferred)

German(Preferred)

# Virtualcity Informatics

## Game Developer

AIIESEC CHANDIGARH, INDIA

### Job Description

Department the intern will be working	Web Development
Job Description1	The intern will be developing software in the area of Game Development. Depending on the candidate's background, he/she will be working on the game, the engine, tools or on the live environment.
Job Description2	The intern will develop an Android application of a successful and very innovative start up. This includes the UI and UX of the app.
Job Description3	Furthermore, interfaces will need to be defined to Unity3D and the customer database.
Job Description4	The ability to work in existing code is expected.
Job Description5	The intern should come from some computer science background. Earlier experience in Game development, computer graphics programming and backend development is appreciated.
Job Description6	The candidate should have experience with object oriented programming (preferably PHP or Java) and needs to have good mathematical understanding.
Measurable results expected from the intern	-Perfect knowledge of required programming languages -Great motivation in contributing to a small team -Strong work ethic -A high degree of self-motivation -Flexibility and the ability to work independently -Excellent organizational and analytical skills -Potential to learn and adapt quickly
Preparation required from the intern before arrival	Knowledge of all the related technologies and fluency in English.
Details on the Working Conditions	Personal Workspace Computer Internet Access
Learning points that the intern might obtain during the internship	-Work in a rising start up -Learn about growth in young enterprises and modern work culture -Have creative freedom and lots of responsibility -Get development opportunities -Experience a distinctive team spirit in an Indian Company
Additional information a potential candidate may require for the Internship	The stipend will be paid in INR The stipend will be 18000 INR irrespective of the exchange rate.

### Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 10:00 To 18:00 With a total of 30 hours per week Saturday work Sometimes
Payment	Salary in US \$380

## Organisational Preferences

Minimum Duration	50 Weeks (Preferred)
Maximum Duration	52 Weeks (Preferred)
Degree	<b>Bachelor (Required)</b>

## Backgrounds

Information Technology	Web Applications(Preferred) <b>Gaming(Required)</b> <b>Mobile Applications(Required)</b> <b>Mobile Gaming(Required)</b> Mobile Technology(Preferred) Software Development and Programming(Preferred)
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## Skills

Computer	<b>Internet User Skills(Required)</b> <b>PC User Skills(Required)</b>
Programming skills	Java(Preferred) Objective C(Preferred) HTML(Preferred) <b>PHP(Required)</b> Unix shell scripting(Preferred)

## Languages

Excellent	<b>English(Required)</b>
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# Slane Capital

## Trainee

AIIESEC INDIANA, UNITED STATES

## About Slane Capital

We are a serial start-up team. We identify, de-risk, launch, and build enduring companies. We also support other entrepreneurs (usually as the first money in). For outside projects, we look for three things: a quantifiable problem capable founders a way to defend. We'll help figure out the rest. More so than money, startups require teams with great imaginations, experience, and courage. If you agree, consider partnering with us. Why the Gargoyle? It's symbolic. Launching and growing a business is really, really hard. We strive to be that steady and protective partner for our investors, founders, and customers.

## Job Description

Department the intern will be working	IT/Programming
Job Description1	Development of web and mobile applications to support core business
Job Description2	Shadow lead developer to develop skills in Ruby iOS and python
Job Description3	Working closely with the marketing team on mobile app project to track executing in the field, for ex. flash marketing for large grocery chains
Job Description4	Working with field implementation team to understand client needs and helping attain product adoption
Measurable results expected from the intern	- Being able to use Ruby, Python and iOS platform - Consumer facing web and mobile products - Meeting clients and understanding product to efficiently execute projects (Project management skills) - Web and mobile based marketing strategies - Database programs
Preparation required from the intern before arrival	- Be fluent in English - Up to date with software languages and operating systems
Details on the Working Conditions	Personal Workspace Computer Internet Access
Learning points that the intern might obtain during the internship	- Ruby, Python and iOS platform - Consumer facing web and mobile products - Meeting clients and understanding product to efficiently execute projects - Web and mobile based marketing strategies - Database programs
Additional information a potential candidate may require for the Internship	TN will base off Noblesville Indiana and may require travel to Bloomington and Indianapolis Indiana frequently.

## Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 9:00 To 17:00 With a total of 40 hours per week Saturday work Sometimes
Payment	Salary in US \$2000

## Organisational Preferences

Minimum Duration	26 Weeks (Preferred)
Maximum Duration	52 Weeks (Preferred)
Degree	Undergraduate (Preferred)

## Backgrounds

Information Technology

**User Applications(Required)**

**Mobile Applications(Required)**

Web Development and Management(Preferred)

**Mobile Technology(Required)**

Network Management & Data Transmission(Preferred)

Software Development and Programming(Preferred)

## Skills

Computer

**PC User Skills(Required)**

**Internet User Skills(Required)**

**Mac User Skills(Required)**

Databases

Oracle(Preferred)

Development Environment  
(IDE)

Database Design and Development Tools(Preferred)

Visual C++(Preferred)

Other Development Tools(Preferred)

Network management and data  
transmission

Network security(Preferred)

Operating systems

MacOS(Preferred)

**iOS(Required)**

Personal skills and knowledge

Driver's licence(Preferred)

Professional Skills

Presentation skills(Preferred)

Client Servicing Skills(Preferred)

Programming skills

**Python(Required)**

**Ruby(Required)**

## Languages

Excellent

**English(Required)**

# Evolux Sistemas Ltda.

Global Talents IT - TGTI

AIIESEC RECIFE, BRAZIL

## Job Description

Department the intern will be working

Software Development

Job Description1

The intern will be part of the development team, being responsible for create and maintenance company and/or projects applications. The intern will be responsible to provide good logic programming solutions to his/her manager to solve possible applications issues. The internship will be in Natal - Rio Grande do Norte

Job Description2

The intern must be able to implement code improvements in order to make the applications functionality grow.

Job Description3

The intern will be responsible to develop and manage databases as well as ensure it connection and functionality with applications.

Job Description4

The intern must solve all his/her tasks with quality and dedication. Besides, the trainee should learn how to develop software according to each client's demand.

Job Description5

The intern will study technologies, elaborate test plans, execute tests, register tests evidence, investigate and detail the client's software needs, and make systems documentation.

Job Description6

The trainee must be able to position company products and support company partners in English.

Measurable results expected from the intern

Be able to do bug fixes in our system and actively participate in the form of pair-programming with other developers team.

Preparation required from the intern before arrival

Mostly we use Python for the backend part of our system, and javascript for the Web RealTime Interface. If you are more of a backend person, we can tell more about our architecture, just drop anytime by our IRC channel at [irc.evolux.net.br](irc://irc.evolux.net.br) port:6697 (make sure you have SSL enabled), if you're more of a frontend person, it would be good for you to know as much javascript as possible, and also backbone.js, jQuery and realtime web integration. Regarding the city, it's a tourist summer destination in Brazil for it's beaches and warm weather all year round. People are friendly and welcome to foreigners, so it's expected to be easy to adapt.

Details on the Working Conditions

Personal Workspace  
Computer  
Internet Access  
Any Other

Other Details of the Working Conditions

The house has space for rest, Games Room with TV 55 "and PS3, kitchen and pool. The main city bus lines pass 300m from our office, there is a supermarket 500m and the main shopping center of the town is 900m.

Learning points that the intern might obtain during the internship

The intern will be working in a reference IT company in the city, with a team that has a lot of knowledge in the field. The intern will be able to develop global mindset, entrepreneurial outlook, social responsibility, emotional intelligence, proactive learning.

Additional information a potential candidate may require for the Internship

Transportation to work and lunch will be provided. The salary will be based on the current currency, \$1 = R\$2,35

## Work Information

Field of Work	Information Technology ( Primary )
Working Hours	From 8:00 To 18:00 With a total of 40 hours per week Saturday work None
Payment	Salary in US \$638

## Organisational Preferences

Minimum Duration	<b>26 Weeks (Required)</b>
Maximum Duration	<b>28 Weeks (Required)</b>
Degree	<b>Undergraduate (Required)</b>

## Backgrounds

Information Technology	Web Development and Management(Preferred) Web Applications(Preferred) <b>Software Development and Programming(Required)</b>
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## Skills

Computer	Mac User Skills(Preferred) PC User Skills(Preferred) <b>Internet User Skills(Required)</b>
Network management and data transmission	<b>TCP/IP(Required)</b>
Operating systems	UNIX/Linux OS(Preferred) <b>Windows Operating Systems(Required)</b>
Programming skills	<b>HTML(Required)</b> Javascript(Preferred) SQL(Preferred) XML(Preferred) <b>Python(Required)</b>

## Languages

Excellent	<b>English(Required)</b>
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**Više informacija možete pronaći na:**

url: [www.strucneprakse.net](http://www.strucneprakse.net)

FB: Međunarodne stručne prakse

**Sve IT prakse možete pretražiti na:** <https://opportunities.aiesec.org/>

Link za prijavu za selekcijski proces: <https://podio.com/webforms/5460805/428535>