Vladimir Mitrović

curriculum vitae

I was born on **May 17th, 1983.** Ten years later, I wrote my first computer program. I currently live in **Belgrade, Serbia**. My cell phone number is **+381 60 714 1337**, and my e-mail address is snipe714@gmail.com.

I also blog about iPhone development and tweet about random things from time to time.

My Experience

- **Lead iOS Developer, NextWidgets**
  This is my current job. We're building the NextWidgets iOS shopping widget (Android coming soon), which will enable a distributed shopping experience for our clients' existing iOS apps. The project is still in early phases of development. 2010.
  Languages/Tools: Objective-C, Xcode, Git

- **iOS/Web Backend Developer**, **m2e consulting**
  I was in charge of designing, developing, testing and deploying m2e's enterprise iOS mobile applications and RESTful web services across our client base. I was designing the mobile user interface for all our apps, taking great care about usability. I designed and maintained service-to-device and device-to-device messaging and synchronization. I was also responsible for maintaining the company's Mercurial source repository. 2009.
  Languages/Tools: Objective-C, Xcode, CakePHP, Apache, Mercurial, Subversion

- **Developer - Google Summer of Code, Nmap/Zenmap**
  Surrounded by 1337 h4xors from the Nmap team, I was responsible for architecting and implementing the network mapping mode for Zenmap, which allows the user to see a dynamic visual representation of the scanned network. I was also responsible for a number of significant user-interface usability improvements. *2008*.
  Languages/Tools: Python, GTK, Eclipse + PyDev, Subversion

- **Developer - GL Trade**
  At GL Trade (now SunGard), my job consisted of finding bugs in business applications which were running on the distributed Sun Solaris platform. My main activities included debugging business logic code and detecting database problems on Sybase and Oracle database platforms. *2007*.
  Languages/Tools: C, gcc and Solaris cc compilers, gdb and dbx debuggers, SQL

- **Developer - Google Summer of Code, OpenMRS**
  While working with the guys from OpenMRS (a fine bunch!), my job was defining and implementing the core Logic Service architecture that allows medical staff to make rule-based queries to the database in a human-friendly way. Some of the concepts I implemented were rule and criteria objects, datasource abstraction using a layered architecture, request caching, etc. *2007*.
  Languages/Tools: Java, JSP, Hibernate, MySQL, Eclipse, Subversion, Apache Tomcat

- **Developer - Hero of Allacrost open-source role-playing game**
  In between hanging out on Hero of Allacrost IRC and forums, I decided I should design a data engine scripting interface which would allow the game to be scripted in runtime using the Lua language. The guys from the team loved my idea, and so the engine was born. The engine makes it possible to load arbitrary data structures (map tiles, sprites, visual effects, etc.) from Lua and make them visible as C++ objects inside the game engine using wrapper classes. This feature was later used to write a map editor for Allacrost. *2006*.
  Languages/Tools: C++, CVS, KDevelop, Lua

Or, to put it another way:

apache c c++ eclipse gcc gdb gtk hibernate iphone java jsf kdevelop linux lua mysql mercurial netbeans networks objective-c open-source oracle sql php python ruby solaris svn sybase sql tomcat xcode

My References

- Dejan Tepavac (m2e consulting) dtepavac@m2econsulting.com
- David Fifield (Zenmap) david@bamsoftware.com
- Fyodor (Nmap) fyodor@insecure.org
- Darko Petrovic (GL Trade) darko.petrovic@gltrade.com
- Burke Mamlin (OpenMRS) bmamlin@regenstrief.org
- Tyler Olsen (Hero of Allacrost) roots@allacrost.org
- Slobodan Miljkovic (Multicom d.o.o.) slobodan@fs-systems.com

My Formal Education

- **Faculty of Electrical Engineering, Department for Computer Science**, Belgrade University. I have two boring exams left.
- **6th Belgrade Gymnasium (a general high-school)**, where I focused on geeky subjects - Math, Computer Science, Physics.

About Me

- I am a Linux fanatic. I installed my first Linux OS back in 2000, and have been hooked ever since.
- I am a strong believer in open-source and software-as-a-service business models.
- I am forward-thinking.
- I love reading and writing beautiful code.
- I'm a visual junkie – I love great design (industrial/graphic/web), non-pretentious photography and street art (I used to do graffiti).
- I speak fluent English, native Serbian, and a little bit of Russian. I'd like to learn Japanese some day.
- I absolutely love my bass guitar.
- I often go mountain biking.
- When I run, I run [with a stick](#).