

# Curriculum Vitae

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## Nikola Mandić

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## Education

2008 – 2013 Faculty of Electrical Engineering, Department of Software Engineering.  
University of Belgrade, Serbia.

## Projects

2008 – 2008 Development of small perl web server with support for custom dynamic pages with perl scripts in page.

2008 – 2009 Development of

- simple instant messaging protocol and client. Implementation is done using C++ and DirectX API.
- small labyrinth game in 3 man team as part of university course

2008 – 2009 Development of application for automated monitoring of test results at ETF faculty . Implemented in C#.NET.

2011 – 2013 Development of:

- small operating system as part of OS course with multi threading support.
- loader for .obj arm files as part of system engineering course(c++,qemu)
- websites in Java/PHP also as part of two courses
- compiler for subset of Java as part of compiler course

Graduation work Porting part of desktop application for maintaining knowledge test to the web.  
Technology used JavaScript and PHP.

current project ui for gdb debugger in JavaScript. Code can be found on my github page. This is alpha version. Also I am developing scripting language for it called beeScript together with a vm for it in CoffeeScript and it is also on github.

## Seminars

ProSense meeting, Belgrade, Serbia.

## Skills & Interests

### *Programming languages:*

JavaScript, CoffeeScript, PHP, Python, C/C++, asm x86/arm, Java, C#, Pascal/Delphi, Perl, VB.

### *Additional skills:*

HTML/CSS, RegExps, Django, Slim, flightjs, jqWidgets, qunit/sinonJS/phpunit/junit/Selenium IDE/IBM Rational, JSP/JSF, backbonejs, SVN/git, SQL,requirejs, design patterns, nodejs, angularjs, twisted.

### *Professional interests:*

web development, JavaScript.

### *Languages:*

Serbian(native), English(fluent, need spell-checker),  
German(second language, but I struggle with basic usage because of small vocabulary)  
Russian(basic comprehension level), Spanish(basic comprehension level)

### *Additional interests:*

Beekeeping.