

Nemanja Stefanovic
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OBJECTIVE To obtain employment in software engineering and continue work on mobile devices and web applications.

EDUCATION **University of Illinois at Chicago (UIC)**
Bachelor of Science in Industrial Engineering
Minor in Electrical Engineering
GPA: 3.4/4.0, Awarded December 2007

COMPUTER SKILLS *Languages/Markup:* Java, Python, Erlang, Lua, C, C++ (basics), Ruby, PHP 4/5, SQL, Scheme (basics), Javascript/AJAX, (x)HTML/CSS, XML/XSLT, WML

Operating Systems: Linux, BSD, Mac OS X, MS-DOS, Windows: 3.1/9X/NT/2000/XP

Software Tools: Apache Web Server, Erlang VM, PostgreSQL, MySQL, Django, Android, Tomcat, vim, GNU utilities, bash, SSH, nmap, Postfix, NFS, Samba, Eclipse, GTK, Open Office & Microsoft Office Suite, Adobe Photoshop, GIMP, and more.

Protocols: TCP/IP, HTTP, RTSP, SSH, AMQP, SMTP, POP3, SOAP, REST, SPI, UART and more

Hardware: ARM Cortex-M3, Atmel ATmega 8-bit, Freescale HCS08, NXP NFC transceivers

EXPERIENCE **Master Lock Company** Oak Creek, WI, January 2011 – Present
Contactless and Mobile Software Researcher Development and research of contactless RFID products using NFC and ISO 15693. Developing firmware code for microcontrollers. Designing and implementing SMS, IVR and HTTP API's for mobile services. Design and development of mobile applications for Android and J2ME platforms.
Extensive embedded Linux development for low-power Internet-connected devices.

Tribune Inc Chicago, IL, March 2009 – January 2011
Mobile Software Research Engineer: Design and implementation of server systems for real-time messaging and information routing based on content, geographic data, and other properties. Development of server middleware in Java and Ruby on Rails for mobile phones and web browsers to communicate with. Some prototyping of mobile application in the Android and J2ME/Blackberry platforms.

Novarra Inc Itasca, IL, June 2005 – December 2008
Software Engineer (server): Developing features, research, and fixing bugs on an enterprise-1 patent pending

Novarra Inc Itasca, IL, August 2004 – June 2005
Test Engineer: Testing applications on J2ME, Brew and Palm mobile platforms as well as J2EE

SMS Promo LLC Elk Grove Village, IL, December 2004 – October 2007
President, CTO: Founding and developing a web-based application to enable clients to market

FitRx Schaumburg, IL, March 2001 – May 2002
Webpage designer: Using HTML to create general and detailed product descriptions, and maintained and updated product descriptions.

PROJECTS **Letmeparty.com** – Web application allowing people without internet to post to blogs via SMS.

Interactive Spin-Art Machine – A hardware spin-art paint machine designed for the disabled; controlled via a Nintendo Wii controller and offering visual and audible feedback via a Linux computer.

Geographic Supply-Demand Visualization – Web application using the Google Maps API to visualize supply and demand relationships of businesses in a geographic location.

AWARDS Inventor: "Method and System for Transforming and Delivering Video File Content for Mobile

SPECIAL SKILLS English and Croatian/Serbian fluency; basic French, Spanish and Russian

REFERENCES References and coursework available upon request