

Nemanja Stefanovic
300 N. State Street Unit 4135
Chicago, IL 60654
(847) 312-0258
nemik@nemik.net

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, Ruby, PHP 4/5, SQL, Javascript/AJAX, XML/XLST, (x)HTML/CSS, WML, C/C++ (basics), Scheme and Haskell (basics)

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 and more

EXPERIENCE **Tribune Inc** Chicago, IL, March 2009 – Present
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-grade J2EE mobile adaptation server for transforming desktop Internet content to mobile devices. Experience with RTSP streaming and video transcoding for mobile devices. 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 server product. Reporting software bugs and creating test cases.

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 to and interact with their customers via SMS text messages. Managing day-to-day operations, making business/engineering decisions, and managing product development.

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

MEMBERSHIPS Association for Computing Machinery, member, UIC, 2005 – 2009
Free Software Foundation, member, 2006 – present
Electronic Frontier Foundation, member, 2006 – present
Honors College, member, UIC, 2003-2005

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 Devices", Patent Pending; Novarra Inc. (2007)

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

REFERENCES References and coursework available upon request.