

# Nathan J. Gloeckler

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- Education:**
- Ph.D. in Computer and Information Science** (Work in Progress)  
DePaul University, Chicago, IL
- Master of Science in Computer Science (GPA: 3.74)** November 2011  
DePaul University, Chicago, IL
- Bachelor of Music, Music Performance (GPA: 3.32)** December 2007  
Roosevelt University, Chicago, IL
- Industry Experience:**
- Truswave - Software Engineer**  
March 2012 - present
- Java Developer in charge of developing and maintaining Java EE based customizations of the Oracle CRM on Demand Hosted Solutions integration. The goal of these applications include integrating disparate software systems into CRM on Demand, simplifying sales processes, developing and furthering lead intelligence and improving organizational reporting capabilities.
  - Developed J2EE applications and deployment on Linux, Apache Tomcat Server, worked with JSP, Servlets, XML, JavaScript (for front end development) and Interacting with Web services through a SOAP-based API, Web Services Description Language (WSDL)
  - Web Service Frameworks: Apache Axis, Apache CXF
  - Java Web Applications Frameworks: Struts
- Chicago Code Monkey's – Android Software Developer**  
April 2010 – March 2012
- Sole developer for an Android based application developed specifically for use by Chicago Code Monkey's
- Peggy Notebaert Nature Museum – IT Manager**  
September 2004 – December 2009
- Maintained properly functioning computer kiosks installed with windows 2000, performing maintenance and vulnerability security checks on all ten publicly available museum computers, performed troubleshooting and maintenance on various computer components: Monitors, software, printers, etc.
- AOT – American Overseas Transport – IT support**  
Summer 2003
- Kept computers up to date and performed various server side security updates and mitigating attack vectors directed towards the webserver, working with the IT supervisor to install and update web server and configure and properly maintain database (Windows 2000 server).
- Security**
- Certifications:**
- Certified Ethical Hacker (CEH v.8) – August 2014
- Publications:**
- Agent-Based Simulation:**  
Authors: Professor Steven L. Lytinen, Nathan J. Gloeckler  
**Submitted to: WSC 14 (Winter Simulation Conference 2014)** December 2014  
<http://www.wintersim.org/2014/>
- Languages:**
- Java (Primary), Objective-C, Scala, SQL, NetLogo, C++, JavaScript, XML, Groovy, etc.
- Current Research**
- Topics and Interests:** DNP3 Protocol, SCADA (supervisory control and data acquisition)hacking, Penetration Testing, Vulnerability assessment, Artificial Intelligence, precisely Agent-Based Modeling using the NetLogo software application, Android application/game development, iOS application/game development.