

## Christopher M. Monosmith

### RESIDENCE

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### CONTACT

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### SUMMARY

Seeking a fun and challenging career in software programming or game programming.

Portfolio: <http://www.monosmith.com/portfolio.php>

### EDUCATION

Bachelor of Computer Science  
Michigan State University, East Lansing, MI

May 2009  
GPA: 3.4065

- Emphasis on game programming
- Cognate (minor) – Japanese Language

### TECHNICAL EXPERIENCE

Languages Used: Java (currently most proficient), PL/SQL, C, C++, C#, VB, HTML, PHP

Environments: Windows (most proficient), Linux/Unix, some Mac

Development Environments: IntelliJ, Oracle SQL Developer, Visual Studio

Miscellaneous: Weblogic, Struts, Kodo, .NET, SVN, XNA, OpenGL, Actuate, Pentaho

### EXPERIENCE

#### **Software Engineer – Vertafore**

August 2009 – Present

East Lansing, MI

- maintain and enhance Sircon for States and G2 web applications to meet customer needs
  - primarily Java-based, deployed on WebLogic 10.3.x
- triage critical issues for applications to improve stability and customer satisfaction
- follow Java OO standards and industry/internal best practices, utilize standard libraries
- optimize Java and Oracle database performance for new and existing features
  - reduced load time of a complex page by over 90%, minimizing timeout issues
- design and build efficient reports and queries
- build and enhance internal tools to improve efficiency across departments
- create and improve documentation for development and cross-product integration
- work on a small Scrum/agile team in addition to working with remote teams abroad

#### **Internship – General Dynamics Land Systems**

May – August in 2006, 2007, 2008

Sterling Heights, MI

- performed requirements engineering, decomposition, and documentation
- demonstrated Stryker Embedded Training capabilities to government and Marine Corps
- reviewed, tested and documented potential software problem in current design
- assisted in subsystem simulation software design, development, and documentation

#### **Independent Study at MSU – CMEIAS**

Fall 2006 – Spring 2007

Center for Microbial Ecology Image Analysis System

East Lansing, MI

- incorporated functionality from two old command line tools into a new GUI application
- enhanced performance and compatibility with other CMEIAS software

### OTHER ACTIVITIES

University activities: MSU Kendo Club (officer, 2006-2009), Spartasoft