

Michael DeForge

Software Developer

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TECHNICAL SKILLS

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- C/C++/C#
 - OpenGL/WebGL
 - Eclipse
 - Java/JavaScript
 - ActionScript 3.0
 - Visual Studio
 - Python
 - XML
 - Unity 3D
 - HTML/CSS
 - SQL/MySQL/PostgreSQL
 - Linux (Ubuntu/CentOS)
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STRENGTHS SUMMARY

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- Object-oriented programming
 - Software design patterns
 - Writing effective data structures
 - Database development
 - Optimizing workflows through scripting and automation
 - Learning new software, products, practices, and workflows
 - Finding ways to overcome obstacles through careful research
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PERSONAL PROJECTS

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- Cross-platform, high performance, procedural, voxel-based game engine using C++11 and OpenGL
 - WebGL app that determines the size of an object in an image based on perspective calculations
 - Arduino-based home security and climate control system
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PROFESSIONAL EXPERIENCE

Software Engineer April 2013 – Present
Frog AGV Systems, Macomb, MI

- Performed on-site programming updates to automated guided vehicle and traffic control systems in sensitive manufacturing environments
 - Improved production performance for clients such as John Deere, GM, and Delphi
 - Provided critical 24/7 remote support in times of production crisis
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Graphic Artist (Temporary) Sept. 2012 – Dec. 2012
Raytheon Professional Services, Troy, MI

- Developed 2D and 3D assets for online training courses
 - Created interactive designs for educational and presentational purposes
 - Assisted designers in creating effective and impactful page designs
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Animation Design Jan. 2011 – June 2012
Centurion Medical Products, Williamston, MI

- Enhanced quality of animations while reducing render time upwards of 35%
 - Utilized programming skills to enhance workflow and automate tasks
 - Generated artsy PowerPoint Presentations based on Excel data for VP's using VB Scripting
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EDUCATION

Associates in Computer Animation June 2009
Baker College, Auburn Hills, MI

Bachelors of Computer Science June 2012
Baker College, Online