

Michael Graham

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Current address: 3005 Dartmouth Ave, Boulder, CO 80305

Permanent address: 90 Reed St., Lakewood, CO 80226

CAREER OBJECTIVE

Seeking full time work.

EDUCATION

Lakewood Highschool

International Baccalaureate program

University of Colorado, at Boulder

Bachelor of Computational Science and Engineering, Computer Science Graduated Fall of 2013

G.P.A. - 3.265, Dean's List - Fall 2011 - Fall 2012

LANGUAGES

- C, C++, C#
- Java
- Python
- MySQL
- PHP
- HTML
- OpenGL, WebGL

**Most experience in C and C++, some exposure to the rest.*

FAMILIAR TOOLS AND APPLICATIONS

- Visual Studio
- Eclipse
- Autodesk Maya
- Adobe Photoshop, Dreamweaver, Illustrator, After Effects
- Microsoft Excel, Word
- Git

NOTABLE WORK

Senior Projects

The Correll Lab Swarm Robotics Platform - Droplets

My group worked on a visual simulator for the droplet platform. The droplets are ping pong size robots that have limited individual capabilities. Each droplet costs around \$40 and at the time period my group was involved in this project, they were fairly finicky. Our sponsor deemed it useful to have a simulation of what the hardware should do. Much of the simulation library was written prior to our involvement, but my group vastly improved the rendering, and added some user functionality in terms of customizing simulation setups either through the terminal or through a GUI.
<http://code.google.com/p/cu-droplet/>