



# BRENDAN WHITFIELD

Programmer & Interactive Developer

**Education**  
**Rochester Institute of Technology**  
New Media Interactive Development  
BS (anticipated 2016)  
GPA: 4.0

2014 Summer Co-op **Seeking**

**Languages**  
C#  
Java  
Python  
Processing  
Arduino / Wiring  
Actionscript 3  
Visual Basic  
Javascript / jQuery  
HTML 5  
CSS 3  
PHP  
C++ (currently learning)

**Ability to self-teach** **Skills**

**Computer Science**  
OOP, Searching, Sorting, Hashing

**Mathematics**  
Fundamental Calculus  
Vector and Geometric Computation

**Physics**  
Computational Kinematics and Dynamics  
Fundamental Optical and Electrical

**Projects**  
3D Graphics Engine  
Huffman File Compressor  
Puzzle Solver using A\*  
Interactive Optics Simulator  
Gravitational Asteroids Game

Find more at [www.people.rit.edu/bcw7044](http://www.people.rit.edu/bcw7044)

**Software**  
Git  
MS Visual Studio  
Eclipse  
Sublime Text  
Adobe Photoshop  
Adobe Audition  
Adobe Flash  
Blender

**Experience**  
**WindWorks Design**  
(2006 - present)  
Software Developer  
Lighting Programmer  
**Rochester Institute of Technology**  
(2012)  
TA for Intro to Programming  
**Robin Lehman Glass**  
(2011 - present)  
Glass Torch Worker

**Interests**  
Data Visualization  
Signal Processing  
Cryptography  
3D Modelling  
Woodworking  
Building Pipe Organs  
Glass Working  
Guitar

Upon Request **References**