



BRENDAN WHITFIELD

Programmer & Interactive Developer

Education
Rochester Institute of Technology
New Media Interactive Development
BS (anticipated 2016)
GPA: 3.9

2015 Summer Co-op **Seeking**

Languages
C#
Java
Python
Processing
Arduino / Wiring
Actionscript 3
Visual Basic
Javascript / jQuery
HTML 5
CSS 3
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

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**