

bcw7044@rit.edu
GitHub: brendanwhitfield
www.people.rit.edu/bcw7044

251 Drumcliff Way
Rochester, NY 14612-3113



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

Ability to self-teach **Skills**

Computer Science
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

Interests

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

References Upon Request