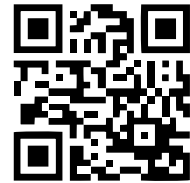bcw7044@rit.edu
GitHub: brendanwhitfield
**www.people.rit.edu/bcw7044**

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**
Fundemantal 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**

Git **Software**
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

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

Upon Request **References**