



# BRENDAN WHITFIELD

Programmer & Interactive Developer

**Education**  
**Rochester Institute of Technology**  
New Media Interactive Development  
BS (anticipated 2016)  
GPA: 3.86 out of 4

2015 Summer Co-op  
**Seeking**

**Projects**  
**python-OBd**  
Python module for accessing real time engine data from a car's OBD-II port  
**C-Graph**  
Call graphing utility for C, integrated with GitHub  
**ExecuteJS**  
In-browser Javascript execution visualizer  
**Planetary**  
Educational app for the OLPC designed to teach 4th graders about the solar system  
Find more at **brendan-w.com**

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

**Skills**  
**Computer Science**  
OOP, Searching, Sorting, Hashing  
**Mathematics**  
Fundamental Calculus  
Vector and Geometric Computation  
**Physics**  
Computational Kinematics and Dynamics  
Fundamental Electrical and Optical

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

**Experience**  
**SwipeToSpin**  
(2014 June - August)  
Front & Back End Software Developer  
**Rochester Institute of Technology**  
(2012)  
TA for Intro to Programming  
**Robin Lehman Glass**  
(2011 - present)  
Glass Torch Worker

**Interests**  
Data Visualization  
Reverse Engineering  
Creative Coding  
3D Modelling  
Woodworking  
Building Pipe Organs  
Glass Working

Upon Request  
**References**