Paul Revere

(774) 487-1163 • revereiv@gmail.com
226 River View Ln • Centerville, MA 02632
https://github.com/paulrevere4

Education

Rensselaer Polytechnic Institute   August 2013 – May 2017
B.S. Computer Science, Economics   GPA: 3.1

Projects

Vest - Python Development   August 2014 – Present
http://rcos.rpi.edu/projects/vest/
- A tool to track, predict and avoid violent crime that utilizes small-scale data analysis to find connections between victims. The project has the potential to save the lives of those grossly affected by violent crime.
- Used Python to scrape data from social networks such as Facebook. Applied graph theory to analyze data, automated analysis in Python.

FastMath – Python Development   January 2014 – May 2014
http://rcos.rpi.edu/projects/fast-math/
- A web app and android app aimed to make simple calculation quicker allowing the user to submit picture of a math problem and be presented with the solution.
- Used Python to link an OCR and Wolfram Alpha together also used Python to pre-process images to improve the accuracy of the Tesserract OCR.

Work Experience

Wianno Club – Head Lifeguard, Head of Beach Maintenance   August 2010-August 2014

Courses

Computer Science
- Data Structures
- Foundations of Computer Science
- Computer Organization
- Principles of Software

Technical Skills

- Python, Java and C/C++
- Git and SVN
- UNIX terminal (bash)
- Built a desktop Computer
- Managed wireless network with multiple access points

Groups and Honors

- Sigma Alpha Epsilon Fraternity, Technology Chairman and Recorder
- Rensselaer Center for Open Source Software (RCOS)
- Rensselaer Men's Club Lacrosse