

Zachary M. Jablons

School Address

208 Davison Hall
1999 Burdett Ave
Troy, NY 12180

Contact Info

E-mail: zmjjmz@gmail.com
Mobile: (973)-722-7599
Github: github.com/zmjjmz

Objective

A summer internship in software development with a focus on data mining and machine learning.

Education

Rensselaer Polytechnic Institute, Troy, NY

(Expected May 2015)

Bachelor of Science, Dual Major Computer Science and Cognitive Science

Cumulative GPA 3.69/4.0 • Computer Science GPA 3.83/4.0 • Cognitive Science GPA 3.75/4.0

Experience

Software Intern Andrew Davidson & Company, New York, NY *Summer 2011 & 2012*

- Wrote code in Perl to integrate data from Google Analytics with data from CRM database.
- Wrote report generation on this data using Microsoft SQL Server Reporting Services.

IT Intern TAG Online, Clifton, NJ *Summer 2009 & 2010*

- Remade online text editor using CKEditor so that clients could easily edit their own content.
- Developed websites for clients.

Projects

Blue Mesh *September 2012 – Present*

Bluetooth Mesh Network library primarily developed for peer-to-peer mesh network communication with Android smartphones.

- Helped write API documentation for new version.
- Assisted in debugging and troubleshooting with a small team.
- Currently implementing Ad-hoc On-demand Distance Vector routing protocol in Blue Mesh.
- Rensselaer Center for Open Source project.

Relevant Coursework

- Machine Learning
- Computational Optimization
- Learning & Advanced Game AI
- Parallel Programming
- Multivariable Calculus
- Differential Equations
- Models of Computation
- Computer Organization
- Introduction to Algorithms
- Data Structures

Experience programming in:

- Python
- C/C++
- Java
- XHTML/CSS
- Perl
- GNU Octave/Matlab

Extracurricular Activities

Rensselaer Center for Open Source *Fall 2012 – Present*

- Organization that provides assistance and support for student made open source projects.

Kaggle with Puckman *Fall 2012 – Present*

- Student team participating in Kaggle data science competitions.
- Currently working on the Blue Book for Bulldozers competition.