

Benjamin J. Cohen

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OBJECTIVE

Software Engineering position at a growing company where I can apply my skills in a creative and rewarding manner and continue to gain experience in the field

CURRENT EMPLOYMENT

Student, Rochester Institute of Technology, Rochester, NY
Studying Computer Science/Applied Mathematics. Expected Graduation: 2016
GPA: 3.3

EDUCATIONAL DETAILS - RELEVANT COURSES

Artificial Intelligence, Data Structures and Algorithms, Data Mining, Data Communication and Networking, Object Oriented Programming, Introduction to Natural Language Processing

SOFTWARE

- Programming Languages : HTML, CSS, Java, Objective-C/Cocoa Touch, Python, MySQL, PostgreSQL, C++, Prolog, Haskell, Common LISP
- Tools: Git, SVN, Heroku, AWS, Flask, Django, numpy, matplotlib, NLTK, WEKA
- Working Platforms : Windows XP/Vista/7, Mac OSx 10.4-10.8, Ubuntu

PROFESSIONAL EXPERIENCE

Reonomy Intern

Date: 6/2013 - 8/2013

Projects: Building Comparability, Basic Data Analytics and Visualization

Team Size: 5

Core Responsibilities;

- Flask Development
- Building a framework for running analytics on over 850,000 buildings
- Building real time algorithmic comparability engine for buildings in NYC

Freelance iOS Development

Date: 10/2010 - Present

Projects:

ReadyToPay

Team Size : 1

ReadyToPay is an iPhone app which lets a user request his check at a restaurant simply by pressing a button on his iPhone. Additionally, it is a system for waiters and waitresses to view which of their tables need service.

Core Responsibilities:

- iOS app development
- Backend MySQL databases to keep track of restaurants and their tables
- Restaurant interface including admin panel to manage tables, locations, etc.
- Graphic Design for posters and advertisement
- App Store Submission and management

Finger-Paint

Team Size : 3

Finger-Paint is a simple iPhone and iPad painting application with presets for certain colors and effects, as well as the options for the users to define new ones.

Core Responsibilities:

- iOS app development
- Content version management
- App Store Submission and updates

Rho Epsilon Pi Website

Team Size : 2

I was one of two contractors hired to develop a website for the chapter of Rho Epsilon Pi at Wesleyan University.

Core Responsibilities:

- Backend MySQL database creation
- Processing input and inserting it into databases
- Secure log in system including only allowing certain users to see certain data

Mathematics and Computer Tutoring

Date: 10/11-Present

Hours per week: 5-15

Core Responsibilities:

- Tutoring high school math from Geometry to Pre-Calculus and SAT Math.
- Contact with the parents and teachers of my students to assure progress

Princeton Day School Computer Department - Summer Assistant

Date: 6/09-8/09

Core Responsibilities:

- Setting up new machines for use in libraries and classrooms
- Imaging old computers
- Setting up and wiring Wireless Access Points around the school
- Preparing outdated computers for donation

Achievements

University Hacker Olympics Finalist

Top 100: Hackerrank Back to School Hackathon 2013

RIT Dean's List