

Andrew Z. Chen

SOFTWARE ENGINEER

265 Newark Pompton Turnpike, Wayne, NJ 07470

☎ (973)883-5195 | ✉ achen8@stevens.edu | 🏠 www.andrewzchen.me | 📷 xchenny | 📺 xchenny

Education

Stevens Institute of Technology

B.S. IN COMPUTER SCIENCE

Hoboken, NJ

September 2015 - Present

- **Overall GPA: 3.3 | Computer Science GPA: 3.48 | Dean's List: Fall 2015 - Present**
- **Relevant Coursework:** Data Structures, Algorithms, Probability & Statistics, and Programming Languages
- Expected Graduation Date: May 2020

Skills

Languages Javascript, Python, Java, C++

Web ReactJS, Redux, NodeJS, Express, MongoDB, Bootstrap, Amazon AWS (S3, EC2), Flask, Jinja, MySQL

Software/Tools Git, Bash, Vim, Linux, Docker, \LaTeX , Markdown,

Experience

McKinsey & Company

New York City

T&D SOFTWARE DEV INTERN - PLATFORM MANAGEMENT

Sept. 2017 - December 2017

- Improved productivity for Networking Engineering team by creating a Web Application and RESTful API monitoring network devices
- Designed and built a live-reloading user interface from scratch using ReactJS and Redux
- Implemented Express/NodeJS Server to present the UI with refactored information from pre-existing API
- Improved experience for new hires by writing technical documentation answering FAQs about VPN

Onsight Digital Solutions

Hoboken, NJ

SOFTWARE ENGINEER

Jan. 2017 - August 2017

- Decreased business logic error by implementing a duplicate entry detection script
- Developed UI for website with Handlebars.js
- Improved user experience by implementing white-labelling feature with storage to Amazon S3

Stevens Institute of Technology

Hoboken, NJ

DATA STRUCTURES TEACHING ASSISTANT

February 2017 - May 2017

- Designed problem sets to go over during recitation to teach concepts related to those taught in lecture
- Led recitations in a clear, concise, and organized manner to foster a better learning environment for learning complex topics
- Coordinated office hours and guided students who need extra help with data structures or other programming concepts

Projects

Local Lending

Fall 2017

A "CRAIGSLIST" FOR LENDING UNUSED ITEMS

First Place Winner at InventYU 2017

- Wrote application backend logic to be used with MySQL scripts with Python and Flask
- Established HTTP server routing and integrated MySQL python scripts into the Flask backend.
- Created user interface using the Jinja2 template engine
- Set up LAMP server on Amazon EC2 Ubuntu Instance to host website

Activities

Clubs Club Ultimate Frisbee, Stevens Computer Science Club, Computer Console and Gaming Society

Hobbies Attending Hackathons, Ultimate Frisbee, Video Games (LoL, PUBG), Wuxia Novels, Basketball, Lifting weights

Other Google Games 3rd Place (2016, 2017)

Seeking Summer 2018 Opportunity