

Randy Zhou

Home address:
Lexington, MA

School address:
Ithaca, NY

<http://github.com/rzhou1999>
Email: randyzhou1999@gmail.com

EDUCATION

Cornell University, College of Arts and Sciences, Ithaca, NY
Bachelor of Arts, Computer Science, Major GPA: 3.6 (Dean's List, Spring 2018)

Expected May 2021

Relevant Coursework:

Four Years of High School CS Courses (the following approved for university credit):

- CS 1110 (Introduction to Computing Using Python)
- CS 2110 (OO Programming and Data Structures)

2017 Fall Semester:

- CS 3410 (Computer System Organization and Programming)
- MATH 1920 (Multivariable Calculus for Engineers)

2018 Spring Semester:

- CS 2800 (Discrete Structures)
- CS 3110 (Data Structures & Functional Programming)

2018 Fall Semester:

- CS 4410 (Operating Systems)
- CS 4420 (Computer Architecture)
- MATH 2940 (Linear Algebra for Engineers)

Commonwealth School of Boston, Boston, Massachusetts

May 2017

RELEVANT PROGRAMMING EXPERIENCE

College Representative Visit App Backend (School Project)

January 2017 - May 2017

- Created a better system for scheduling college rep visits to the Commonwealth School, written in JavaScript / Node.js with a PostgreSQL database.

Automated Stock Split Tracking and Identification for G6 Capital (Internship)

March 2017

- Under Max Eringros of G6 Capital, developed a software program (under "Stock-Market-Project" on github) to track and identify stock splits from Yahoo news using YQL and basic machine learning. Written in Python with a MySQL database.

Cornell Hyperloop Electrical Subteam Member

September 2018 - Present

- Member of the Cornell Hyperloop project team. Worked with Arduino/BeagleBone Black sensors to measure temperature/pressure for safety systems, researched various Python libraries for base station GUI, and used PyQtGraph to create visualizations of sensor data.

CS 3410 (Computer System Organization and Programming) Teaching Assistant

Spring 2019

ADDITIONAL EXPERIENCE

iD Tech Camps Instructor

June 2018 - August 2018

- Taught several programming classes using Python and JavaScript. Responsibilities included programming concept introduction/explanation, assisting with debugging, and providing project guidance.

SPECIALIZED SKILLS

Object Oriented Programming; Functional Programming; Database Management/Usage; Systems Programming; Processor Design; Computer Architecture Design, Verification and Analysis (PyMTL)

Programming Languages (By Proficiency): Python, Java, OCaml, C#, C, Assembly, JavaScript, Node.js, and Haskell

Foreign Languages: Chinese (high intermediate), Latin (advanced)