

Alexander Chung

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Education

Stony Brook University

B.S. Computer Science, B.S. Applied Mathematics and Statistics

GPA: 3.78

Stony Brook, NY

August 2017 – Present

Relevant Coursework: Full Stack Web Development, Software Engineering, Analysis of Algorithms, Survey of Probability & Statistics, Data Structures, Computer Networking, Machine Learning

Skills

Programming Languages: JavaScript, HTML, C, Python, Java, R Studio, OCaml, MIPS Assembly

Technologies: React, NodeJS, MongoDB, Amazon EC2, Git

Computer: Microsoft Office Suite (Excel, Word, PowerPoint), LaTeX, Photoshop

Languages: Chinese (Cantonese and Intermediate Mandarin)

Experience

Department of Education: Adult Continuing Education

Data Entry Intern

Garment District, NYC

June 2019 – August 2019

- Managed and entered client data into DOE database
- Worked with outreach calling potential adults interested in continuing their education

Mr. Li's Learning Center

Assistant Instructor

Manhattan, NY

June 2016 – September 2018

- Taught high school students taking SAT/ACT in mathematics and Science
- Graded and compiled student's test scores into Excel

Projects

Tabnabbing Detection Chrome Extension

Computer Security Fundamentals – Fall 2019

- Collaborated in a team of four to develop a chrome extension that notifies user of possible Tabnabbing attack and allows user to report URL to a database of other malicious URLs
- Implemented using JavaScript, NodeJS, RESTful API with MongoDB Atlas and mongooseJS
- Deployed chrome extension on Amazon EC2 Linux server

Bash Terminal Simulation

Data Structures – Fall 2018

- Designed and developed a terminal in Java that replicates the capabilities of a Linux bash terminal
- Utilized Java's binary tree API data structure to simulate data paths