

Amanda L. Chiu

amandachiuu.github.io

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EDUCATION

New York University, New York, NY

B.A. in Computer Science, Minors: Math, Business Studies

Graduation: May 2020 | GPA 3.7 / 4.0

Relevant coursework: Object-Oriented Programming, Parallel Computing, Information Technology in Business, Machine Learning, Linear Algebra, Probability & Statistics

SKILLS

Programming: Python, React, Redux, Javascript, Java

Databases: MongoDB, GraphQL, SQL **Cloud:** AWS

Tools: Git, Atom, Visual Studio, MS TFS, JIRA, Bash, Emacs, Adobe Illustrator, AxureRP Pro

EXPERIENCE

Engineering Intern, Infrastructure & Security

July 2019 - present

SIMON Markets LLC

- Implemented internal alert system to monitor security-related AWS infrastructure changes, such as changes in public IPs, S3 bucket permissions, and Security Group ingress
- Conducted meetings with potential vendors to evaluate cloud-management platforms and integrate into existing AWS infrastructure

Researcher, Data Visualization

Jun - Aug 2018

NYU Tandon School of Engineering, Summer Research Program

- Developed React-Redux web tool that visualizes email communication patterns between scammers and targets
- Led weekly meetings with mentors and cyber-fraud investigators to discuss project features and improvements

Software Developer Intern

Jan - July 2018

NYU Operations Technology Services

- Developed front-end CRUD interface in capital project management site used by 100+ administrators, managing average of \$300M in capital projects annually
- Actively engaged in Agile Scrum sprint meetings and daily stand-ups

PROJECTS

TutorMe

Mar - May 2018

<https://tutorme-ait.herokuapp.com/>

- Designed and developed full-stack MERN application on one-month deadline
- Incorporated PassportJS for authentication, Axios for API calls; deployed to Heroku

Best Invest

Oct 2017

BostonHacks Prize Winner | Web visualization that compares return investment on stocks vs. index

INTERESTS Golf, photography, tutoring, social impact
