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
Anticipated Graduation: May 2020 | GPA 3.7 / 4.0

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

Stuyvesant High School, New York, NY

SKILLS

  Languages: [Proficient] Python, Javascript; [Familiar] Java
  Databases: MongoDB, SQL   **Cloud**: AWS
  Tools: Git, TFS, Adobe Illustrator, AxureRP Pro

EXPERIENCE

Security Intern   July 2019 - present
SIMON Markets LLC

  • Implemented internal alert system to send email in response to security-related AWS infrastructure changes
  • Conducted meetings with potential vendors to evaluate cloud-management platforms and integrate into existing AWS infrastructure

Research Assistant   Jun - Aug 2018
NYU Tandon School of Engineering, Summer Research Program

  • Developed 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 MERN application that connects students with peer tutors
  • Successfully tracked and implemented features on one-month deadline