Nancy Tao

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   Aug 2015 - May 2018
- Concentrations: Intelligence, Information Internetworks
- GPA: 4.0/4.0
- Semester Study Abroad in Barcelona, Spain (May 2016 - July 2016)

SKILLS

- Technical – Java, Python, MySQL, Node.js, AngularJS, Javascript, HTML/CSS
- Languages – German (intermediate)

EXPERIENCE

Georgia Institute of Technology Cyber Security   Atlanta, GA
Student Employee Analyst   Feb 2016 - present
- Monitoring security alerts and tools for possible threats to the Georgia Tech network
- Triaging incoming security incidents
- Reviewing vulnerability reports and working with the responsible parties on remediation
- Identifying compromised systems and following up appropriately with system administrators

Georgia Institute of Technology College of Computing   Atlanta, GA
Teaching Assistant for CS 1100 (Freshmen Seminar)   Aug 2016 - present
- Assisting freshmen in developing academic success strategies, exploring career and leadership opportunities, preparing resumes, and building oral presentation skills

PROJECTS

Undergraduate Research on Moderation in Online Communities   Aug 2016 - present
Analysis on the effectiveness of moderation on Reddit by looking for continued abusive behavior
- Building a web crawler to scrape posts and comments and create user contribution timelines
- Automating the process of getting data out of off-site Reddit archives

Big Bio-Data Recapture   Jan 2016 - present
Tool to analyze published biomedical papers to allow one to more easily keep track of developments in the field
- Building a web app using the MEAN stack to allow for searching data
- Configured and managed a new server, leading the transition from legacy PHP code to Node.js, doubling productivity and reducing downtime
- Created and managed a custom MySQL database solution from the ground up
- Set up an automation process for retrieving newly published biomedical papers

Job Trackr (HackGT 2016 Project)   Sept 2016
Web application that simplifies tracking internships and/or jobs applied to and compares offers by location
- Learned how to use the MEAN stack

GT Travel (Class Project for CS 4400 Intro to Database Systems)   Jun 2016 - Jul 2016
MySQL and Python web application that displays travel destinations based on reviews
- Implemented advanced search of cities, locations, and events and a dynamic review system
- Designed and architected the database schema and backend

Quote Generator   Dec 2015
Javascript application that produces random quotes
- Designed and implemented front end
- Learned HTML, CSS, and Javascript