

Nancy Tao

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science

Aug 2015 - May 2018

- GPA: 4.0/4.0
- Concentrations: Intelligence, Information Internetworks
- Semester Study Abroad in Barcelona, Spain (May 2016 - July 2016)

RELEVANT EXPERIENCE

Georgia Institute of Technology Social Computing Lab

Atlanta, GA

Undergraduate Research Assistant

Aug 2016 - present

- Quantifying variations in the language of abusive versus normal behavior using Reddit user data
- Working with word distributions and big data analysis

Georgia Institute of Technology Office of Information Technology

Atlanta, GA

IT Security Analyst – Student Employee

Feb 2016 - present

- Monitoring security alerts and tools for possible threats to the Georgia Tech network
- Triaging incoming security incidents
- Identifying compromised systems and following up appropriately with systems administrators
- Reviewing vulnerability reports and working with the responsible parties on remediation

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

Big Bio-Data Recapture (Vertically Integrated Projects)

Jan 2016 - present

Python automation tool to analyze published biomedical 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

GT Travel (Class Project for CS 4400 Intro to Database Systems)

July 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 and backend

Quote Generator

Dec 2015

Javascript application that produces random quotes

- Personal project to learn HTML, CSS, and Javascript
- Designed and implemented front end

SKILLS

- Technical – Java, Python, MySQL, Javascript