

# Nancy Tao

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## EDUCATION

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### 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)

## SKILLS

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

## EXPERIENCE

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### 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

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### Big Bio-Data Recapture (Vertically Integrated Projects)

Jan 2016 - present

*Python automation tool to analyze published biomedical data*

- Building a web app using the MEAN stack to allow for easy access of and manipulation of 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)

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 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