

Jason Tung

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<https://jasontung.me>

Education

Cornell University, Ithaca, NY College of Engineering 2019-2023

B.S. in Computer Science expected May 2023

Relevant Coursework: Computer System Organization and Programming, Data Structures and Functional Programming, Object-Oriented Design and Data Structures (Honors), Discrete Structures, Linear Algebra, Multivariable Calculus, Basic Engineering Probability and Statistics

Stuyvesant High School, New York, NY 2015-2019

Advanced Regents Diploma with Honors • *Relevant Coursework:* AP Calculus BC, AP Computer Science, Computer Graphics, Systems Level Programming, Software Development, AP Physics C

Experience

Enroute (<https://app.enroute.digital/>)

June 2020 - August 2020

Full Stack Developer

- Built frontend using React and MaterialUI
- Connected frontend and backend using AWS Amplify and Cognito user pools
- Designed backend flow and implemented it using AWS Lambda functions and AWS API Gateway calls as middleware

Cornell DTI, Ithaca, NY (<https://github.com/cornell-dti/samwise>)

October 2019 - Present

Full Stack Developer

- Full stack developer for the Samwise project on Cornell Design & Tech Initiative
- Combine React and Firestore to render group tasks using realtime user data
- Implement ical integration to automatically pull and update assignments from Canvas

Cornell University, Ithaca, NY (<https://webdev.cornelldti.org/>)

February 2020 - Present

Teaching Assistant

- Teaching assistant for INFO 1998 - Trends in Web Development
- Hold office hours & grade assignments for students creating web pages and applications using React, Express, and Typescript

Selected Projects

Shelf (https://github.com/helenxuyang/dti_hackathon_2020)

Fall 2020

Frontend Developer

A Flutter app that provides simple, user generated meals for busy college students while tracking available ingredients, allergies, and saved recipes.

GPStuy (<https://github.com/jason-tung/GPStuy>)

Spring 2019

Full Stack Developer

A Flask app that enables new students to easily locate their next class and suggests the fastest route.

MNIST Recreation (<https://github.com/jason-tung/mnist>)

Spring 2018

Backend Developer

Programmed and trained neural net in Java and interface in Processing that reads hand drawn numbers.

Skills

Languages: JavaScript (ES6, Node.js), Java, Python, OCaml, C, Scheme, Netlogo, HTML, CSS

Libraries & Frameworks: Typescript, React, MaterialUI, Express, Flask, Bootstrap, Foundation, Jinja

Tools & Technologies: Firebase, SQL, MongoDB, AWS (Amplify, Cognito, Lambda, Gateway), GCP, Digital Ocean

Honors

- **1st Place**, CS 2112 GUI Contest Winner (2019)
- **3rd Place**, Cornell University High School Programming Contest (2018)
- **Honorable Mention**, StuyHacks (2018)
- **Commended Student**, NMSQT National Merit (2018)