

EDUCATION

Stevens Institute of Technology

Aug. 2019 - May 2023

B.S. Computer Science

Honors/Awards: Dean's List, Pinnacle Scholars Program

Scholarships: Edwin A. Stevens Scholarship, Martha Bayard Stevens Scholarship, Presidential Scholarship

Relevant Coursework: Data Structures, Algorithms, Computer Organization and Programming, Linear Algebra, Machine Learning

GPA: 3.91

SKILLS

PROGRAMMING: Python, Java, C++, Typescript, Javascript, Bash

WEB DEVELOPMENT: Node.js, React, MongoDB, HTML, CSS, SQL, Express, Flask, Vue

TOOLS: Github, Gitlab, Postman, Slack, G Suite, Excel

EMPLOYMENT

Tableau Software · Software Engineer Intern

Remote · June 2021 - Present

- Enhancing functionality and user-friendliness of a new product by improving error handling through static analysis of our core data model.
- Expanding the grammar for product-specific expression calculations using ANTLR and Typescript for parsing.
- Reducing computation times by implementing various compiler optimizations such as common subexpression elimination, constant folding, and dependency evaluation.

New York Life · Project Management Intern

Jersey City, NJ · June 2020 - Aug. 2020

- Directed logistics for remote Program Increment event with 40+ attendees from the Digital department by updating presentations, scheduling breakouts, and troubleshooting technical difficulties.
- Increased productivity and promoted organization during remote daily standups by launching Google Jamboard for scrum team.
- Reduced time spent on project tracking by 4 hours by automating project reporting tools using Python and Pandas.
- Developed and pitched a social media strategy to drive \$20M in donations for the NYL Brave of Heart Fund.

Recon Industrial Controls Corporation · Engineering Intern

Englewood, NJ · Sept. 2018 - June 2019

- Designed solutions for 4 different client needs ranging from audio-visual displays to webcam streaming using Arduino, Processing, and Java.
- Wrote maze-navigating C programs for Arduino WeMos robots used in design course at Stevens Institute of Technology.

PROJECTS

Spinder

May 2021

- Spearheaded development of a full-stack web application to visualize compatibility between users' Spotify listening trends using MongoDB, Express, and Node.js.
- Owned several core features including charting aggregate audio features of a user's top songs, user profile pages, and schema design.
- Established process flow including ticket tracking and weekly syncs to support asynchronous remote work for 4 teammates during COVID-19.

Clinical Outcomes Checker

Sept. 2018 - May 2019

- Updated and optimized a Gradle application for verifying clinical tests for cancer developed by researchers from Broad Institute and Dr. Yujin Hoshida (Mount Sinai, UT Southwestern).
- Improved user experience of the application by converting to the Materialize framework and optimized gene expression analysis algorithm time.

LEADERSHIP & AFFILIATIONS

Filipino Association of Stevens Tech · External Public Relations

May 2020 - May 2021

- Coordinate with 25 schools in Greater New York Area to organize social events centered around the Filipino culture.
- Kickstarted professional development workshop series for Filipino students in collaboration with FASTER, a Filipino organization based in Silicon Valley.

Out in Tech U Mentorship Program · Mentee

Oct. 2020 - Dec. 2020

- Accepted into the Out in Tech U Digital Mentorship Fall 2020 Cohort, where I refined my personal branding and technical skills while building a FERN stack web application with Firebase and Spotify API integration under the guidance of my mentor.