Celina Peralta

✉ celinanperalta@gmail.com
🌐 celinanperalta.com
📞 201-519-7735

in celinanperalta
○ celinanperalta

Education

Stevens Institute of Technology   Aug. 2019 - May 2023
B.S. Computer Science
Honors/Awards: Dean's List, Pinnacle Scholars Program
GPA: 3.91

Skills

Programming: Python, Java, C++, TypeScript, JavaScript, Bash
Web Development: Node.js, React, MongoDB, HTML, CSS, SQL, Express, Flask, Vue.js
Tools: Github, Gitlab, Postman, Slack, G Suite, Excel

Industry Experience

Tableau Software · Software Engineer Intern   Remote · June 2021 - Aug. 2021
- Took lead on applying static analysis to improve user experience with a new product through features such as: incremental parsing, detecting circular references in simulations, and visually reporting possible breaking changes to users
- Designed a UI mockup in Figma, lead brainstorming session, and implemented a reusable deletion confirmation prompt
- Reduced average-case computation time of user simulations by implementing a unique application of common subexpression elimination
- Resolved 7 bugs across internal and customer requests with varying degrees of priority/severity and wrote tests using Mocha

New York Life · Project Management Intern   Remote · 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 ease 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.