

# Celina Peralta

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## Education

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Stevens Institute of Technology

Aug. 2019 - May 2023

B.S. Computer Science

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

GPA: 3.9

## Industry Experience

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**Morgan Stanley** · *Technology Summer Analyst*

New York, NY · June 2022 - Aug. 2022

- Developed an automated NDF eTrading workflow process used in production by many emerging market desks globally, which has an impact of reducing operational downtime by up to one hour and enabling \$bn+ of trade processing in less than 30 seconds
- Proactively identified potential risks throughout development and quickly iterated on product based on dynamic requirements
- Worked through the entire software development lifecycle on a Java Spring Boot application, which culminated in several changes pushed to production with detailed change and risk management documentation while maintaining backwards compatibility

**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 in TypeScript and React
- 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

## Skills

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Programming: Java, Python, C++, TypeScript, JavaScript, Bash

Web Development: HTML, Node.js, React, MongoDB, CSS, SQL, Express, GraphQL

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

## Leadership & Affiliations

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Out for Undergrad Tech Conference · *Attendee*

2020 - 2022

- Selected to attend O4U Tech 2020, 2021 and 2022.
- Out for Undergrad's mission is to help high-achieving LGBTQ+ undergraduates reach their full potential through conferences designed to help attendees explore career paths, learn how to navigate the workplace as LGBTQ+ individuals, and build their professional networks.

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