

Melaine Sit

Permanent Address:

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Objective: To obtain a full-time position in Computer Science starting Summer 2022

Education

Pennsylvania State University, August 2018 – May 2022

Bachelor of Science, Computer Science

Minor: Engineering Leadership Development

Overall GPA: 3.48

Relevant Skills: Java, Python, C , app development, Swift, HTML, databases

Experience

June 2021- August 2021
Arlington, VA

Booz Allen Hamilton, Software Developer Intern

- Collaborated with a team to design and implement a sensor analytics pipeline using machine learning algorithms and DataOps
- Programmed anomaly detection models to analyze NASA flight sensor data
- Developed an interactive dashboard to visualize outliers in flight data

May 2019 – July 2019
San Diego, CA

Amerisat, Technology Ambassador

- Engaged with thousands of people to talk about satellite tv, Nest smart home products, and Vivint Security systems
- Resolved current customers product concerns

July 2017 – July 2018
San Diego, CA

Robotics Summer Camp, Teacher's Assistant

- Aided in the creation a local robotics summer camp teaching how to build Vex robots and programming
- Introduced children from grades 1- 6 to Computer Science and Robotics

August 2015 – July 2018
San Diego, CA

FRC Robotics Team, Programmer

- Programmed the competing robot for the 2017 and 2018 FIRST World Robotics Competition
 - Lead programmer of 3128 Aluminum Narwhals Robotics Team
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Involvement

- Penn State CodePath
 - Penn State Women in Engineering Program (WEP)
 - Founder of PSU Women's Self Defense Club
 - President of PSU Grappling Club
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Projects

- **CodePath.org:** Used Swift to practice iOS mobile app development by utilizing public APIs for Instagram and Twitter to recreate their app.
- **LifeNote:** A personal track keeping record for advice on life as well as documentation for progress. Currently implementing it into an iOS app.