

# ESPERANZA BAQUEDANO

Union City, NJ 07087 | (201) 667-8138 | [esperanzabaquedano48@gmail.com](mailto:esperanzabaquedano48@gmail.com)  
[www.linkedin.com/in/esperanza-baquedano](https://www.linkedin.com/in/esperanza-baquedano) | <https://github.com/ucesperanza>

## SUMMARY

IT student at Montclair State University, aspiring to earn a master's in Cybersecurity, with growing experience in programming, software solutions, and computational research. Adaptable and efficient to learn in fast-paced technical environments, with a strong commitment to gaining hands-on experience through projects and continuous learning.

## EXPERIENCE

### Montclair State University

*B.S in Information Technology & M.S. in Cybersecurity*

**Montclair, New Jersey**

*Expected Graduation, May 2029*

- o **GPA:** 3.53/4.00, *Dean's List*
- o **Related Coursework:** Introduction to Python Programming I, Fundamentals-Java Programming I, Fundamentals-Java Programming II, College Math, Applied Precalculus, Discrete Math

## TECHNICAL SKILLS

**Programming Languages:** Python, HTML, Java, JavaScript, C++

**Software & Tools:** GitHub, Visual Studio Code, AWS Lambda, DynamoDB, Bootstrap, Eclipse, Terminal, Replit, IntelliJ, Xcode, Excel, TestFlight, Android Studio, AWS EC2, AWS Lambda, DynamoDB, Bootstrap, Canva, Appium Inspector

## EXPERIENCE

### Department of Computing & Information Systems

*Nov 2024 ~ Present*

#### *MSU Undergraduate Research Assistant*

- Found signs of “state loss” targeted at 50 popular Google Play applications in foldable phones, leading to the detection of issues such as bugs, glitches, and constant vulnerabilities.
- Communicated with developers on how to ensure application stability across different applications.
- Has configured over 100 application IDs, creating spreadsheets to organize notes and codes.

### Application Ambassador & Beta Tester for Saturn

*Dec 2024 ~ Present*

- Identified and documented technical glitches, bugs, and areas for improvement to help enhance app performance and user engagement.
- Provided insights on new features to refine app usability, functionality, and usage. While promoting Saturn to other students across campus and other schools through social media and peer engagement.

### Amazon Web Services – Amazon (AWS)

**Seattle, WA**

#### *Software Developer Engineer Intern*

*May 2025 ~ Aug 2025*

- Designed and documented a workflow system for the project of creating a Streamline TriggerProductSync Process across systems, which was targeted at reducing manual overhead on approving and declining approvals from higher-ups across EC2.
- Implemented solutions that target the integration of DynamoDB, AWS Lambda, and event orchestration to allow an automated merge in syncing operations
- Upgraded and tested 500+ lines of code to ensure and validate merge publications with automated testing, model changes, and new plugins.

## ACTIVITIES AND LEADERSHIP

### Harvard WECODE Student Ambassador

*Nov 2025 ~ Present*

### Amazon Future Engineer Scholar, *Ambassador*

*Aug 2025 ~ Present*

### Society for Industrial and Applied Mathematics (S.I.A.M), *Treasurer*

*Nov 2024 ~ Present*

### Montclair Women In Tech Club, *Member*

*Oct 2024 ~ Present*

### Women in Cybersecurity (WiCyS), *Member*

*Oct 2024 ~ Present*

### Montclair Robotics Club, *Member*

*Sep 2024 ~ Present*