

# Meryl Mizell

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## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems | GPA: 3.80**

Pleasantville, NY

Bachelor of Science in Computer Science (B.S.) | Minor: Mathematics

May 2025

## TECHNICAL SKILLS

Programming Languages: Python, Java, C, JavaScript, HTML, CSS, Shell Script, R

Tools: GitHub, Figma, Miro, Ionic CLI, Firebase Console, Android Studio, ISATSS, VuGraf, DynamoDB, S3 bucket

Frameworks and Libraries: React Native, Node JS, React, TypeScript, Ionic

Applications: Eclipse, Unity, GitHub, Visual Studio, Expo, Android Studio, VS Code

Operating Systems: Windows, Linux, Mac

## PROFESSIONAL EXPERIENCE

### KBR - Technical Intern

September 2024 – Present

- Monitored real-time satellite data dashboards to ensure continuous and accurate data flow for mission-critical operations.
- Designed and implemented a custom dashboard to track and visualize system satellite logs, improving monitoring efficiency and operational transparency.

### NOAA - Lapenta Intern

June 2024 – August 2024

- Developed dashboards using Python, AWS S3, DynamoDB, and VUGraf to track and improve the latency and accuracy of AI-driven weather alert translations, ensuring critical information is accessible to Limited English Proficient (LEP) populations
- Analyzed AI generated translation quality using metrics such as BLEU, COMET, ChrF++, TER, and Fuzz, optimizing AI models through automated accuracy reports

### Blue CoLab - Computer Science Intern

January 2023 – January 2024

- Managed a team of 4 to design an interactive user experience system that conveys water quality data to users in real time
- Utilized agile development to design a React Native mobile application that provides water quality data including dissolved oxygen percentage, turbidity, and pH so users can make informed decisions before fishing or swimming

### Pace University - Peer Leader

September 2023 – Present

- Provided guidance, support, and mentoring to freshman students to ensure easy transition to college, including designing lesson plans, class curriculum, and presenting to 20+ students

### Sanford Sourdough Bakery - Sales Associate

January 2020 - January 2023

- Represented the bakery at local farmers markets, autonomously setting up the booth, engaging with potential customers to drive sales, and efficiently managing cash transactions and credit card sales

## LEADERSHIP

### United Nations Millenium Fellowship

August 2023 – Present

- Selected as a UN Millenium Fellow to represent Pace University in a social impact leadership development program
- Petitioned the EPA with a team of 5 to make drinking water quality test results publicly available to improve public health

### NCAA Student Athlete Ambassador Committee - Cross Country Team Representative

August 2022 - January 2022

- Coordinated and hosted events to build community and provide information about on-campus resources
- Provided input on new NCAA rules including funding of new sports and eligibility policies

### Pace Women's Cross Country Team - Captain

April 2022 – Present

- Selected by team to lead workouts, organize fundraisers, and plan team bonding activities
- Assisted head coach in hosting new recruits during campus visits

## VOLUNTEER WORK

### FIRST Tech Challenge - Robotics Judge

Pleasantville, NY

- Collaborated with fellow judges to evaluate robotics teams' accomplishments, conducting interviews, reviewing portfolios, and selecting deserving teams for awards based on established criteria

November 2023

### Round Rock Serving Center - Receptionist

Round Rock, TX

- Provided information to callers about the serving center to aid people affected by COVID

September 2020 - August 2021

## INTERESTS

Language | Human Centered Design | Big Data | Sociology | Sustainability | Software Engineering | Machine Learning | Business