

# EDWARD WYNMAN

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[www.meetieddie.tech](http://www.meetieddie.tech) | [www.github.com/Ewynman](http://www.github.com/Ewynman)

## EDUCATION:

**Stevens Institute of Technology**, Hoboken, NJ

Master of Science in Computer Science

May 2026

**Montclair State University (MSU)**, Montclair, NJ

Bachelor of Science in Computer Science

Dec 2023

GPA: 3.4/4.0

## SKILLS:

- **Front End:** Flutter, Swift, React, Next.js, JavaScript, TypeScript, HTML, Tailwind CSS, CSS
- **Back End:** Dart, Java, Python, PHP, Nest.JS, Node.js, MongoDB, Firebase, NoSQL, Express.js, Prisma
- **Developer Tools & Frameworks:** Git, Azure DevOps, Docker, npm, Expo, MS SQL Server, Xcode

## WORK EXPERIENCE:

**Geico**, Remote

May 2024 - Present

*TDP Software Engineer I*

- Collaborated with a senior engineer to redesign the Distracted Driving Detection system, replacing unreliable screen brightness signals with a more robust logic flow based on user authentication status and iOS "Always on Display" availability. This overhaul reduced false positives by 75% and is now fully deployed in production.
- Upgraded vehicle data collection frequency from 1Hz to 9Hz to meet commercial telematics industry standards. Implemented backend-configured feature flags to dynamically switch between sampling rates, ensuring safe rollout and remote control.
- Contributed to building a new commercial telematics platform as part of the Flutter-based Commercial UX team by intergrading Radar for map styling and trip route overlays, while leveraging Maplibre for interactive controls and dynamic vehicle/trip markers.
- Designed and implemented UI components for vehicle and trip detail pages to support real-time and historical data visualization, enabling fleet managers to review past routes and statuses.
- Integrated and extended APIs to retrieve policy and vehicle status information using Riverpod, ensuring up-to-date displays of commercial vehicle states across the platform

**Therapi**, Remote

Sep 2023 – May 2024

*Volunteer Full-Stack Engineer*

- Develop highly responsive and intuitive front-end interfaces by using React, Next.js and TypeScript, implementing Tailwind CSS for visually captivating user experience.
- Ensured efficient data management and enhancing user data security by engineering a robust and secure back-end system using MongoDB and Nest.js, resulting in faster data retrieval and processing.
- Spearhead the implementation of Prisma-based user authentication, ensuring secure appointment scheduling, confidential communication, and safeguarding client data privacy. Resulted in improved user comfort and accessibility, reducing data breaches.

**Zebra Technologies**, Holtsville, NY

May 2023 - Aug 2023

*Software Engineer Intern*

- Designed and developed a Python-based GUI application using PyQt leveraging Pyshark to streamline troubleshooting of Android Wi-Fi and voice calling issues and reduced debug time from hours to 10 minutes by implementing efficient data sorting, filtering, and automated Excel report generation.
- Developed a Java application that utilizes HashMaps to map errors in debug logs to corresponding lines of code, generating HTML reports with error messages and a navigation button, resulting in a reduction of time spent debugging.
- Automated the translation of Bluetooth capture file event hex codes into readable strings using a Python script. Integrated seamlessly with Frontlines decoder script, enabling easy updates to frontline and saving time during debugging device issues.