

Felix Luciano

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EDUCATION

New Jersey Institute of Technology - Newark, NJ

May 2022

B.S. in Computer Science

EXPERIENCE

Microsoft - Seattle, WA

Sep 2024 – Present

Software Engineer

- Working on Microsoft Defender for Endpoint (MDE), which runs on billions of devices worldwide.
- Migrating MDE services to Microsoft Cobalt, enhancing ARM performance.
- Modernizing services to be silicon agnostic for compatibility across hardware platforms.
- Transitioning services to Kubernetes to improve scalability and deployment efficiency.
- Improving developer productivity (>50% build time reduction) and reducing costs across the portfolio.

Amazon Web Services - Seattle, WA

Jun 2022 – May 2023

Software Development Engineer

- Developed tooling for AWS Aurora MySQL clusters to reduce customer downtime and diagnose issues.
- Collaborated with various teams to create automation scripts in Bash, Python and SQL to reduce mean time to resolve issues by over 80%.

ADP - Roseland, NJ

Jun 2021 – Aug 2021

Software Engineer Intern

- Created a user management platform for the Data Exchange team using the Java Struts framework and leveraging tools like Hibernate ORM, helping a new on-boarding fleet of over 1,000 ADP customers.
- Improved the user management process for the data exchange platform, increasing developer productivity.

New Jersey Institute of Technology - Newark, NJ

Sep 2019 – May 2021

Teaching Assistant

- Held weekly recitation and graded multiple Python programming assignments for 80+ students per semester.

PROJECTS

Talking Head BLE

Cross platform app built in React Native that interfaces with an ESP32 microcontroller embedded in a foam head.

TypeScript, React Native, Expo, C++, ESP32, BLE

Faros

Full-stack web app to track visited lighthouses worldwide with interactive map visualization. Go backend deployed on Azure.

Go, TypeScript, Azure, REST API

Petting Zoo

Built a web app using the Petfinder API that matched users to animals and drove awareness to animal adoption. Won HackNJIT2021 hackathon theme award.

React, Express.js, MongoDB, Auth0

SKILLS & INTERESTS

Languages:

Java, Typescript, Python, C++, C, C#, SQL, HTML, CSS, Dart, Go, PHP, Rust

Frameworks/Libraries:

Spring, React, React Native, Redux, Jest, NodeJS, Express.js, Flask, Flutter, Next.js

Technologies/Tools:

Kubernetes, GitHub Actions, Azure DevOps, AWS, Azure, MySQL, S3, PostgreSQL, Git, REST, Docker

Interests:

Embedded systems, music (guitar/bass), hackathons, LLMs