

FELIX LUCIANO

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EDUCATION

New Jersey Institute of Technology – Newark, NJ

May 2022

B.S. in Computer Science

EXPERIENCE

Audiation – Seattle, WA

Jun 2023 – Present

Software Engineer

- Design a web app to teach people how to play the piano using MIDI keyboards
- Utilize Next.js with Typescript, Tailwind for styling and WebMIDI to interface with MIDI devices

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 MySQL 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 (Mobile App/Embedded systems)

TypeScript, React Native for app development, Expo, C++ for ESP32 firmware, BLE

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

Instagram Clone (Android App)

Java, Parse for backend

- App that mimics Instagram including liking posts, infinite timeline, swipe to refresh, and comments

Petting Zoo (Web App)

React on frontend, Express.js for backend, MongoDB for storage, Auth0 for authentication

- Built a web app using the Petfinder API that matched users to animals and drove awareness to animal adoption
- Won [HackNJIT2021](#) hackathon theme award

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:** AWS, MySQL, S3, Ollama, PostgreSQL, Git, REST, Docker, Expo
- **Interests:** Embedded systems, music (guitar/bass), Arduino, hackathons, LLMs