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Alexander Franco
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EDUCATION

Tallahassee, Florida	**Florida State University**	**August 2017 - December 2020**

B.S. in Computer Science,
Minor: Mathematics

Employment

Implementation Engineer	**Aurora North Software**	**June 2021 – Present**

- Served as lead project engineer, developing data management solutions for legal firms integrating multiple client vendor frameworks and databases.
- Utilized **Dell Boomi** to develop and monitor solutions within production environments and performed intensive maintenance in case of unforeseen errors or client change requests.
- Developed Java/JavaScript scripts to supplement Cloud Based integrations using Dell Boomi and **SQL Server**.

Sofware Developer	**Free Lance**	**December 2020 – Present**

- Partnered with small companies in Miami Dade County to improve data management and system designs to increase employee productivity while providing better billing and overview experience for managers.
- Developed Flask webtools to maintain **MySQL** billing databases hosted in Google Cloud Platform to provide clients with intuitive cloud integrated data solutions.
- Developed low latency **SQL** database interface using Flask to allow client employees instantaneous manipulation of scheduled services and billing management.

Web Developer Intern	**Keep Tallahassee Beautiful**	**January 2019 – June 2019**

- Maintained company website, maintaining current organization projects and events.
- Developed **JavaScript**, **HTML**, and **CSS** code to provide intuitive and maintainable user interface on organization website.

Projects

Express Stock Reporting Web Application/ REST API	**January 2023 – Present**

https://github.com/AlexanderJFranco/stock_report_app

- Developed dynamic calculations of financial data using REST API and **Node JS.**
- Extensive focus on low latency calculations to provide accurate precision on time intensive information.
- Used **React Native** to dynamically populate web page with calculations performed by REST API functions.

Music Bot	**November 2022 – December 2022**

https://github.com/AlexanderJFranco/Music-Bot

- Worked to develop an intuitive discord bot to provide a music management system for voice channels using **Python** and **Discord.py** library.
- Implemented **YouTube API** to dynamically compose queue/playlist of mp3 files derived from video URL's.

Event Hosting Social Media Application	**January 2020 – May 2020**

Florida State University

- Developed cross platform social media application using **Flutter** cross platform framework within **Android Studio** for advertising social occasions and managing events.
- Primary developer for in-app chatroom and private messaging functionality, providing an additional layer of communication to the application outside of event sharing using **Google Firebase** back end.

Technical Skills

- Languages: Java, Python, JavaScript/HTML/CSS, C++, SQL, Bash, React, Swift
- Frameworks and Libraries: Node.js, Vue.js, Hibernate, Flutter, Dart, Groovy
- Tools: Git, Linux, Docker, AWS (EC2, S3), Jira, Dell Boomi