

AlexanderJFranco@outlook.com  
+1 (786)-333-4374

**Alexander Franco**  
[AlexanderJFranco.com](https://alexanderjfranco.com)

Github: AlexanderJFranco  
Linkedin: AlexanderJFranco

## EDUCATION

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<b>Tallahassee, Florida</b> B.S. in Computer Science, <i>Minor: Mathematics</i>	<b>Florida State University</b>	<b>August 2017 - December 2020</b>
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## Employment

<b>Implementation Engineer II</b>	<b>Aurora North Software</b>	<b>June 2021 – Present</b>
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- 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** code to supplement Cloud Based integrations implemented within the Dell Boomi cloud platform to manage clients **SQL Servers**.

<b>Software Developer</b>	<b>Free Lance</b>	<b>December 2020 – Present</b>
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- 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.

<b>Web Developer Intern</b>	<b>Keep Tallahassee Beautiful</b>	<b>January 2019 – June 2019</b>
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- 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

<b>Leetcode Solutions Database REST API</b>	<b>February 2023 – Present</b>
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[https://github.com/AlexanderJFranco/LeetCode\\_API](https://github.com/AlexanderJFranco/LeetCode_API)

- Designed interactive data repository to store and output Leetcode submissions extracted from specified account with Python **Selenium** framework.
- Applied scalable design to repository to provide both full and incremental data synchronizations through **Restful API** host on Python **Flask Web Server**.
- Utilized **Kubernetes** to manage backend **Docker** containers for scalable load balancing configurations.

<b>Express Stock Reporting Web Application/ REST API</b>	<b>January 2023 – Present</b>
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[https://github.com/AlexanderJFranco/stock\\_report\\_app](https://github.com/AlexanderJFranco/stock_report_app)

- Developed dynamic calculations of financial data using **Restful 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 pages with calculations performed by REST API functions.

<b>Music Bot</b>	<b>November 2022 – December 2022</b>
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<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.

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## Technical Skills

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