Javier Arango

javierarango.business@gmail.com | (305) 988-1607 | linkedin.com/in/javier-arango | javierarango.com

Education

Bachelor of Science in Computer Science   **Expected Graduation: August 2023**
University of Florida   Gainesville, FL
Related Coursework: Advanced Programming Fundamentals, Data Structure and Algorithms, Programming Language Concepts, Introduction to Software Engineer
Organization: Society of Hispanic Professional Engineers (SHPE), Society of Software Developers (SSD)

Skills

Programming Languages: C++, Java, Kotlin, JavaScript, TypeScript, Python, HTML/CSS, Swift
Frameworks: React.js, Node.js, Express.js
Tools: Git, GraphQL, REST API, Jupyter Notebook, Android Studio, XCode
Others: Bilingual (English & Spanish)

Professional Experience

Expedia Group, *Software Development Engineer Intern*   **May 2022 – August 2022**
- Increased visibility of Virtual Tours for Expedia travelers by adding a new call-to-action on property listings by creating a new React component
- Defined a new GraphQL schema for Virtual Tours and collaborated with the Lodging Engineering team to secure approval for the schema
- Surfaced Virtual Tour data to the Expedia front-end experience layer by updating two REST APIs and one GraphQL API on the back-end

Expedia Group Global Hackathon Innovators, *Android Development*   **July 2022 – July 2022**
- Contributed to a Hackathon project to capture Virtual Tours in the Vrbo Android app
- Developed the front end of the Virtual Tours creation next to senior engineers
- Team won first place at regional judging in the Americas and won the App-First Development category in the global judging

IBM Accelerate Program Participant, *Software Developer Track*   **May 2022 – August 2022**
- Participated in an 8-week professional development program with 2 weekly sessions focused on foundational business acumen and Software Developer industry skills
- Developed a deep understanding of data structures and algorithms, full-stack development, versioning, app security, and product management skills during weekly Software Developer sessions with IBM professionals

Relevant Projects

Stock Market Suggestions, *React.js, Typescript, Express.js, Node.js*   **April 2022**
- Developed a platform working as a team that suggests the safest stocks to invest in the long term
- We determined how safe was a stock, by calculating how close the stock price was on average to its intrinsic value
- I was in charge of creating all the backend logic, including foundation for processing data, implementation of QuickSort and RadixSort algorithms to sort 100,000 data points, and setting up the server

Housing Price Prediction, *Python, Jupyter Notebook, NumPy, Seaborn, Scikit-Learn, Matplotlib, Folium*   **November 2020**
- Developed a program to help college students to find the best prices of rent in Gainesville, FL
- Collected the prices data using Foursquare API and location data with Realtor API
- Used Pandas for data analysis, allowing various data manipulation operations such as merging, reshaping, selecting, data cleaning, and data wrangling features
- Visualized the data with Matplotlib and Folium and used NumPy, Seaborn, and Scikit-Learn libraries to make a Clustering Model to gather data into smart groups or segments based on their attributes

Certifications

IBM Data Science Specialization: Develop hands-on skills using the tools, languages, and libraries used by professional