Andre E. Cortes

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Education

2014 – Fall 2019 // Orange Coast College

- Associates: Computer Programming
- GPA: 3.0

2019 – Fall 2021 // California State University of Long Beach

- Field of Study / Degree: Computer Science BS
- GPA: 3.4
- Relevant Courses:
  - Data Structures and Algorithms, Database Fundamentals, Software Development with Frameworks

Skills

- **Programming Languages**
  - C++, C#, .NET, SQL, Python, Java, Kotlin
- **Libraries and Technologies**
  - GitHub, VirtualBox, Visual Studio Code, NetBeans, Eclipse, Flask, Android Studio, SQLAlchemy, AWS Amplify, Postman, Python Anywhere, Git, npm, yarn

Programming Experience

- **UFC Data Scraper** | *Python* | *UFCDataScraper*
  - Used BeautifulSoup4, Pandas, and sqlight3 Python Libraries to parse through HTML tags for UFC fighter statistics that were analyzed and stored in an SQL database.
- **SQL Relation Database Project** | *SQL, Java* | *RationalDB*
  - Built a Relational Database for a restaurant that was modeled using UML and Relation Scheme diagrams. Included Queries, Triggers, and Views to properly store and display attributes of more than 30 different Tables.
  - Tables were designed using junction tables along with supporting proper association to mitigate redundant data.
- **Stock Analysis Mobile Application** | *Kotlin, Python* | Frontend, Backend
  - Project manager and lead engineer of mobile application that used Plaid API to aggregated user's investments history through multiple brokerages on one platform.
  - Organized, coached, scheduled, and provided technical leadership to a team of 5 through development to meet deadlines.
  - Integrated Firestore Realtime Database, Firestore Database and Firebase Authentication. Used MVC architecture to create UI. Implemented features such as Integrating Plaid to connect financial accounts, implemented a clickable recycler view to make a live News Feed, optimizing multiple API calls using Kotlin Coroutines, and Used Firestore queries to make a suggestive search bar.
  - Created a Flask REST API that was deployed on a PythonAnywhere server. Implemented Plaid token exchange, created CRUD database using SQLAlchemy ORM to manage MySQL database tables. Created algorithms to fetch and update user transactions and investments for multiple accounts per user.

Work Experience

- **Shift Supervisor // George's Mexican Food – Restaurant // October 2017 – July 2020**
  - Supervised motivated, evaluated, and coached employees and facilitated effective training programs.
  - Resolved issues concerning both in-person and phone requests.
  - Organized workflow and ensured that employees understood their duties and tasks.