Joseph Carbone

josephrcarb@gmail.com | Los Angeles Metro Area, CA | (909) 870-8861

http://www.josephrcarb.com | https://www.linkedin.com/in/josephrcarbone/

Education

University of California Irvine   Irvine, CA

Bachelor of Science in Computer Engineering   June 2020

> Coursework: Data Structures & Algorithms, Databases & Data Management, OOP Design and Systems, Computer Networks

Technical Skills

Languages: Python, JavaScript, Java, C#, C++/C, SQL/NoSQL

Frameworks: Node.JS, React.JS, Express.JS, Flask, JSON, REST

Technologies: Linux, Git, Excel, MongoDB, Android Studio, AWS, APIs

Projects

eCommerce Store MERN Stack Web Application (Personal Project)   October 2020 – December 2020
- A complete sell/buy store with user profile page, authentication, database use, and **API**
- Web application built with **React.JS**, **Express.JS**, **Node.JS**, and **MongoDB** full stack. API integration
- https://github.com/josephrcarb/eCommerce-App

Venmo Transaction History Summator (Personal Project)   June 2020 – July 2020
- Manipulated authentication API for the Venmo API created by Mark Mohades
- **Flask** backend and **HTML/CSS** frontend **Python** project to display last 50 transactions
- https://github.com/josephrcarb/Venmo-api

Algorithm Sorting Visualizer (Personal Project)   March 2020 – April 2020
- User-friendly visualization of some complex sorting algorithms and runtimes
- Simple **Python** program implemented with PyGame Library graphics
- https://github.com/josephrcarb/Array-Sorting-Visualizer

Mario and Tetris Copy-Cat Mobile Apps (School Project)   December 2018 – February 2019
- **Java** mobile apps built on **Android Studio**, copy-cats of infamous Tetris and Mario games
- Achieved hit detection, 3 levels, and scoring to produce a complete game
- https://github.com/josephrcarb/Mario-Game & https://github.com/josephrcarb/Tetris-Game

Experience (Leadership)

Ice Hockey Club at UCI (VP and Assistant Captain) – Irvine, CA   August 2019 - June 2020
- Conducted and created UCI's inaugural season of Ice Hockey into the ACHA league
- Led and managed 20 players, while helping budget and allocate upward of $10,000 in finances

Youth Sports Volunteer (Coach and Referee) – Fontana, CA   June 2016 – August 2019
- Enforced rules for league with 6 teams and hundreds of children
- Taught and respectfully lead 2 youth roller hockey teams