

Joseph Carbone

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Willing to Self-Fund Relocate

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
Soft Skills: Teamwork, Communication, Leadership, Reliable, Problem-Solving, Patience, Positivity

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 unique players and negotiated finances of thousands of dollars

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