JIMMY BI

+1 (203) 308-9711 | jjbi@uci.edu | https://www.ics.uci.edu/~jjbi/

EDUCATION

University of California - Irvine   **Fall 2017 – December 2020**
Irvine, CA
- B.S. in Computer Science. GPA: 3.7.
- Coursework: Data Structures; Software System Design; Artificial Intelligence; Information Retrieval.

WORK EXPERIENCE

Code Ninjas   **June 2018 – September 2018**
Instructor
- Taught coding fundamentals to 50 students aged 7-14 through Scratch and JavaScript-based platforms by providing instruction and project assistance.
- Collaborated with other instructors to deliver interactive demos to prospective students and parents, resulting in 20 new enrollments.
- Trained other instructors and students on JavaScript material and helped troubleshoot software and hardware issues.

PROJECTS

Dreams for Schools Web App (ReactJS, NodeJS, MySQL)   **April 2019 – June 2019**
- Centralized platform for mentors and administrators in the AppJam+ program to replace Facebook Messenger group chats, Google Calendar, and shared Google Drives.
- File system: Built API requests to handle file and folder uploads, downloads, and organization.
- Info page: Built API requests allowing administrators to group mentors by school and mentors to view their school's information. Built user-friendly frontend to display information and functionality.

Search Engine (Python)   **February 2019 – March 2019**
- Builds a search engine from a set of webpages under the ics.uci.edu subdomain for recommending website links based on user queries using TF-IDF weighting.
- Automatically explores links embedded into pre-explored webpages.

YouTube Search Filter Web App (Python, HTML, CSS)   **June 2019**
- Developed a flask middleware that receives REST API calls to filter video searches via YouTube's API for recent, full length gameplay results.

ADDITIONAL EXPERIENCE AND AWARDS

- **TAG Officer (2019):** Organized and moderated two Riot Games sponsored quarterly tournaments of 60 players, bi-weekly meetings, and sponsored events (ZotCade and viewing parties).
- **UCI Esports LoL Scholarship Recipient (2019)**: Awarded to two teams of twelve students that participated in tournaments under the UCI Esports organization.

LANGUAGES AND TECHNOLOGIES

- **Languages**: Python; C; C++; JavaScript (NodeJS); HTML; CSS.
- **Frameworks & Tools**: ReactJS; Flask; Git; Heroku; Azure; MySQL.