Justin Hu

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EDUCATION

University of Southern California, Viterbi School of Engineering – Los Angeles, CA   **May 2021**
Bachelor of Science, Computer Science; Minors: Computational Biology & Music Production   GPA 3.77
Honors: USC Presidential Scholarship Recipient, Thematic Option Honors Program
Relevant Coursework: Principles of Software Development, Data Structures & Object-Oriented Programming, Discrete Methods, Introduction to Programming

SKILLS

Computer Languages: (proficient): C++, Java; (basic): HTML, CSS, JavaScript
Frameworks and Tools: Node.js, Bootstrap, MongoDB, Express
Foreign Languages: Conversational in Spanish and Mandarin

SOFTWARE PROJECTS

TaskBot for Slack   **August 2019 – September 2019**
- Improved native Slack functionality by developing a method to manage a list of tasks to be completed
- Developed a bot user with Node.js, MongoDB, and the Slack API to collect necessary task information from users and store it into a NoSQL database
- Handled HTTP post requests from the Slack application by using the Express framework to listen and respond to events

Website for Music Inspiring Community @ USC   **September 2019 – Present**
- Producing a website for an organization to display and collect information to and from prospective clients
- Developing a React frontend with a focus on enhancing user experience
- Creating a backend server with Node.js and MySQL to handle user input and data storage

Command Line Amazon   **May 2019**
- Designed a C++ program to mimic the functions of Amazon on the command line
- Utilized object-oriented design fundamentals to create and maintain a database of products, users, and reviews
- Implemented an algorithm to produce a list of product recommendations based on overall user reviews and ratings

EXPERIENCE

USC Undergraduate Student Government – Los Angeles, CA   **April 2018 – May 2019**
Director of Residential Affairs, Advocacy Branch
- Facilitated relationships between administration and student body to solve problems regarding student living
- Oversaw 4-5 advocacy projects throughout the year to provide resources to and advocate for threatened student populations such as first-year and transfer students
- Represented the Undergraduate Student Government in university committees such as a task force to achieve zero-waste in school dining halls

USC Residential Housing Association – Los Angeles, CA   **August 2017 – May 2019**
Director of Diversity and Inclusion
- Served on an executive board of 10 to train and manage an organization of 70 residential college representatives
- Organized three campus-wide programs with 200 to 300 attendees to engage residents in topics of inclusion
- Advised executive board on methods to ensure an inclusive living environment at USC

USC Leonard Davis School of Gerontology, Emotion and Cognition Lab – Los Angeles, CA   **Fall 2018**
Research Assistant
- Performed data cleaning and statistical analysis of over 750 continuous heart rate measurements
- Interacted with participants weekly and led them through several cognitive assessments
- Gained experience in MRI setup, methods, procedures, and analysis