

GAUTAM JETHWANI

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SOFTWARE ENGINEER

A Computer Science senior offering a strong foundation in programming and software development across multiple platforms and computer operating systems. Knowledge and experience working on the backend and frontend of new systems. Experienced in coding, testing, and streamlining user interfaces. Uses strong analytical skills to troubleshoot and solve complex problems. Fast learner who works well in a team environment or self-directed.

EDUCATION

Master of Science, Computer Science, University of Southern California (USC) Beginning August 2020

Bachelor of Science, Computer Science, University of Southern California (USC) Expected May 2020

Projects: Trello Updater: Created an Atom package that creates Trello cards out of code comments. **SongQ:** Developed an app that allows guests to request songs on Spotify using Spotify's API. The host can review and accept or reject the request. **Smart Sleep Mask:** Created a sleep mask that tracks movements within a specified timeframe. The mask detects movements and then wakes up the subject at the lightest point of sleep. **USC WebReg Super Schedule:** Built a Chrome extension that allows USC students to visualize how classes will fit into their schedule

TECHNICAL SKILLS

C++ | Java | JavaScript | Typescript | HTML | CSS | GO | Node.js | Express | React
MySQL | MongoDB | D3 | Laravel | Augmented Reality | Git | Data Visualization | Chrome Extensions

INTERNSHIP/WORK EXPERIENCE

WRENCH Project – USC Information Sciences Institute September 2018 – Present

Software Engineer

- Built a dashboard that allowed users of a workflow management system to generate user-friendly graphs and tables from simulation results
- Utilize the D3.js library to generate graphs and simulation output
- Complete ownership and management of code to maintain dashboard operability

Grab, Singapore

Full Stack Web Development Intern May 2019 – August 2019

- Developed a platform and user interface that improved workflow and operations of Grab tech support staff
- Implemented a logging system that tracked production-level changes made by tech support personnel
- Implemented a process for approving customer requests to change taxi types that improved the customer experience and decreased the number of mistakes

Product Insights and Experimentation Intern May 2018 – August 2018

- Part of a team that developed a platform that allowed various technical teams to test new features and potential platform changes
- Implemented functionality to allow JavaScript to be executed on the platform's server and generate dynamic results.
- Improved efficiency for teams conducting experiments that required running code

USC Viterbi School of Engineering August 2017 – May 2018

Teaching Assistant

- Provided support to assigned Professors in two courses, Intro to Web Publishing and Managing Data in C++
- Assisted Professor in helping students succeed in the classroom by reviewing lessons one-on-one or in small groups

Servishero, Malaysia

June 2017 – August 2017

Full Stack Web Developer

- Developed a portal for customers to check the validity of promotions being offered
- Utilized Sails.js, React, Redux, MySQL and Circle CI