

# Calvin Hu

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## Summary

I am a UC Davis alumnus and graduated with a B.S. in Computer Science and a minor in Technology Management. Professionally, I have developed vehicle simulations to test networking hardware. However, I am pursuing a career in full-stack development and am learning the best methods in the industry to build web applications, showcased in my projects.

## Education

**Bachelor of Science in Computer Science | University of California, Davis**

**June 2018**

Minors: Technology Management

Classes: Software Engineering, Algorithm Design, Computer Architecture, Computer Networks, Computer Vision, Warcraft on Windows

## Technologies

**Languages:** JavaScript, HTML, CSS, SASS, C++, C, Python

**Tools:** React, npm, node, gulp, axios, Git, Unix, VS Code, Vim

**Methods:** OOP, Mobile First, Responsive Design, Google Material Design, Container/Component

## Experiences

**Software Engineer Intern**

**June 2017 – Sep 2017**

Redpine Signals | San Jose, CA

*Provider of ultra-low power, high performance wireless solutions for next generation applications*

- Implemented 7+ vehicle traffic simulations in C++ and C to test hardware capabilities.
- Designed specific traffic patterns to enact blind spot detections and emergency stops.
- Integrated hardware into traffic simulations to test vehicle to vehicle communications.
- Applied Git source code control to maintain code.

## Projects @ [GitHub](https://github.com)

**Shmack @ [shmack](https://github.com/shmack)**

**Aug 2018 - Present**

*Platform where users can view, add, and vote on popular menu items at restaurants*

- Utilizes React for fast and flexible UI and React Redux for state management.
- Interacts with Google APIs for restaurant data, user authentication, and user-generated data.
- Follows mobile first and responsive design paradigms to enhance the user experience.

**Jammming @ [jammming](https://github.com/jammming)**

**May 2018 – June-2018**

*Playlist creation web application that uses the Spotify API*

- A web application using JavaScript and React that allows users to create Spotify playlists.
- Interacts with Spotify Developer API to search songs and save playlists.
- Uses axios for user authorization and song retrievals.

## Interests & Other Skills

Fitness (Calisthenics), Photography, Photo Editing (Lightroom), Hiking, Investing, Football, Puppies