Charles Zhang

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EDUCATION

University of California, Los Angeles (UCLA)   Sep 2019 – Jun 2023
B.S., Computer Science   *Los Angeles, CA*
- 3.92/4.0 GPA
- Organizations: ACM, Upsilon Pi Epsilon, Tau Beta Pi

WORK EXPERIENCE

BruinShack   Feb 2021 – Present
Full-Stack Development Intern   *Los Angeles, CA*
- Designed and developed a responsive review system using Vue.js and Node.js to facilitate ratings and reviews from approximately 2,000 weekly active users looking for apartments in the Westwood area.
- Led a redesign of multiple static pages and the apartment manager portal in order to improve brand visibility and quality-of-life for users.

The Amplification Project   May 2021 – Sep 2021
Front-End Developer   *Los Angeles, CA*
- Implemented a responsive design of the organization's main website using Vue while coordinating with a backend developer to raise awareness of forced migration through preservation of related art and activism.

PROJECTS

DARS++ – (github.com/czhangy/darsplusplus)
Full-Stack Development
- Developed a full-stack web application using the MEVN stack to allow users to engage in course planning and attempts to optimize upcoming schedules using topological sorting.
- Honed a user-friendly, responsive front-end using Vue.js, while developing a simple RESTful API using Node.js/Express.js to practice database management through MongoDB Atlas.

BruinByte – (github.com/czhangy/bruinbyte)
Full-Stack Development
- Created and deployed a full-stack web application using React.js, designed to act as a local food review hub for UCLA students, based on the FERN stack.
- Integrated an authentication system and a dynamic ratings/comments system using Google Firebase.
- Learned various methods for communicating effectively within a team and building team chemistry.

Splekbot – (https://aaisara12.itch.io/splekbot)
Game Developer
- Led level design team tasked with modelling 3D assets and levels using Unity ProBuilder to emphasize core gameplay mechanics, operating using Agile methodologies.

PROFICIENCIES

- **Skills:** Front-end frameworks | Object-oriented programming | Agile methodologies | RESTful APIs | Web design | Data structures & algorithms | Leadership | Interpersonal communication
- **Languages:** C++ | JavaScript | HTML/CSS | Python
- **Tools:** Vue | React | Git | Node/Express | MongoDB | Linux | Unity | Microsoft Office | WordPress

Changes

- Removed filler words such as "the"

- Removed third-person words such as "their"

- Reformatted dates

- Added (UCLA) to university name

- Reworked various action words in work experience and project

  descriptions

- Introduced teamwork-related bullets to various descriptions

- Introduced communication-related bullets to various descriptions

- Increased specificity of some bullets