Brenden Smith

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EDUCATION

California State University, Long Beach   **Expected Graduation: Spring 2023**
Bachelor of Science in Computer Science, GPA: 3.78

Honors & Awards: President's List (Fall 2020, Spring 2021)
Organizations: Association for Computer Machinery (Secretary), Google Developer Student Club, Associated Students Incorporated (Senator), Undergraduate Research Opportunity Program, Beach Launch Team, Sigma Chi (Secretary)

EXPERIENCE

Tyde Software | Founder & Lead Developer | Long Beach, CA   **April 2021 – Present**
- Provided excellent service to our clients by creating software solutions to meet their business needs.
- Managed public relations and marketing through our website and social media.

CSULB Undergrad. Research Opportunity Program | Research Assistant | Long Beach, CA   **Jan. 2021 – May 2021**
- Conducted innovative computer vision research with a faculty member and PhD students by annotating training data for the computer vision model.

Google Developer Student Club | Full Stack Developer | Long Beach, CA   **Nov. 2020 – Present**
- Applied Google's front and back-end libraries, Flutter and Firebase, to design different aspects of various club projects.
- Maintained project version control with GitHub with a team of engineers.

PROJECTS

Monitoring Driving Behaviors and Emotions | Research Assistant | CSULB Undergrad. Research Opportunity Program
Purpose: To develop a semi-automated approach to understanding the effects of environmental factors on a driver's behavior and emotions.
- Assisted the faculty lead by annotating training data for the computer vision model.

Gro | Full Stack Developer | BeachHacks 2021 | [Link](#)
Purpose: An application to help users keep track of their plant care needs.
Utilized: Flutter, Dart, Firebase, and the trefle.io API.
- Created and implemented a database, user authentication, the trefle.io API, and designed front-end aesthetics.

Journey | Front End Developer | MarinaHacks 2021 (Winning Project) | [Link](#)
Purpose: Designed to help users keep track of their moods and thoughts, while giving them calming music to listen to.
Utilized: Flutter, Dart, YouTube API, and a JSON API.
- Designed and implemented the aesthetics for all the user views and implemented the quote-of-the-day API.

SKILLS

Programming Languages
- *Proficient*: C++, Dart, JavaScript, Python
- *Familiar*: CSS, HTML, Java, Swift

Frameworks
- Bootstrap, Flutter, Firebase, React, TensorFlow

Concepts
- Algorithms, API Implementation, Data Structures, Full Stack Development Object-Oriented Programming

Personal Skills
- Leadership, time management, communication, critical thinking skills, and ability to excel in a challenging environment