

Joseph Shafer

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EDUCATION

California State University Bakersfield

Bakersfield, CA

Bachelor of Science in Computer Science, May 2021

- GPA: 3.6/4.0

PROFESSIONAL EXPERIENCE

CSUB – ITS ENTERPRISE APPLICATIONS

Bakersfield, CA

Web Developer Student Assistant

August 2020 – Present

- Created, updated, and designed web content on faculty member, department, and student club websites using Cascade, Drupal, and Vue.js.
- Audited and repaired 50 school websites for ADA compliance in accordance with Section 508/WCAG 2.0.

BAKERSFIELD COLLEGE

Bakersfield, CA

Peer Tutor

January 2018 – July 2019

- Tutored students in Computer Science classes Data Structures and Algorithms, Computer Architecture, and Discrete Mathematics. Classes used the languages Java, C, C++, and Python.
- Guided students through content in math classes ranging from Calculus to Arithmetic.

PROJECTS

BAKERSFIELD FLOWERSHOP

Staff scheduling dashboard for a manager of a small business.

- **Front End:** HTML5, CSS, jQuery
- **Backend:** Postgres, Express.js

MULTIPLAYER QUIZ GAME

Realtime quiz game with a focus on remote learning environments utilizing web sockets.

- **Front End:** HTML5, CSS, jQuery
- **Backend:** Express.js, MongoDB, socket.io, Digital Ocean
- **Other Tech:** socket.io, Digital Ocean

SHIBA SURVIVAL

Four directional shooting game group project for Software Engineering class. Implemented enemy spawning, attacking, and scoring system.

- **Language:** C++
- **Technology:** OpenGL

TECHNICAL SKILLS

Languages: JavaScript, C++, C, Python, Java

Other: Express.js, Vue.js, React Native, Git, MongoDB, Postgres, Cascade, Drupal