

Jaden Watson

Chico, CA • (530) 333-7529 • jadenwatsond@gmail.com • linkedin.com/in/jadendwatson • github.com/oobagi

Software engineer building AI-powered mobile apps and native macOS tools. Experienced in server-side pipeline design, Postgres backend architecture, and shipping production apps with CI/CD. Seeking internship or entry-level SWE roles.

EDUCATION

California State University, Chico

Bachelor of Computer Science

Coursework: Data Structures & Algorithms, Databases, Web Development, Mobile App Development

Expected December 2026

GPA: 3.08

Sierra College, Rocklin

Associate in Science for Transfer in Computer Science

May 2024

PROJECTS

Callie AI | *React Native, Expo, Typescript, Supabase, Perplexity API* | *Closed-source, walkthrough per request*

- Designed a server-side AI pipeline with web-grounded recipe search, structured JSON meal plan generation, multi-mode calorie logging (camera/text), and validation layers for allergy gating and sanity checks
- Implemented multi-mode food logging (camera, natural language, manual) with server-side recognition, confidence scoring, and source attribution

Yap | *Swift, macOS, Speech API, OpenAI, Gemini* | *Open-source, github.com/oobagi/yap*

- Integrated multiple cloud transcription and formatting providers (Whisper, Gemini, Deepgram, ElevenLabs, Claude) with on-device Apple Speech as a silence pre-check to avoid unnecessary API costs
- Built a real-time audio visualization using Apple's Accelerate framework for FFT processing, displayed in a SwiftUI floating overlay with frequency-reactive waveform animations
- Shipped as a standalone .app with GitHub Actions CI and zero third-party dependencies

EXPERIENCE

Grocery Clerk | *Holiday Market* | *Magalia, CA*

December 2023 – Present

- Stock, organize, and maintain inventory accuracy across the grocery department during high-traffic shifts
- Assist customers with product location and availability, contributing to smooth daily store operations

Shop Technician | *Barrett Business Services* | *Roseville, CA*

July 2021 – April 2023

- Operated a CNC router to fabricate aluminum composite material (ACM) panels to spec from engineering files
- Managed shop floor inventory of ACM materials, ensuring timely reorder communication to prevent production delays on large-scale client projects

Barista | *Starbucks* | *Carnelian Bay, CA*

May 2021 – July 2021

- Prepared high-volume drink orders while maintaining speed and quality during peak tourist season

Ski Lift Operator | *Northstar California Resort* | *Truckee, CA*

January 2021 – May 2021

- Operated chairlifts and ensured safe loading/unloading of guests in variable mountain weather conditions
- Assisted guests with directions, trail information, and resort navigation

AWARDS AND CERTIFICATES

Dean's List

California State University, Chico

Spring 2024

President's Honor Roll

Sierra College, Rocklin

Spring, Summer, Fall 2022

TECHNICAL SKILLS

- Typescript/Javascript
- React Native (Expo), Flutter
- Swift/SwiftUI, Python, Dart
- Supabase (Postgres, Edge Functions, RLS)
- Firebase (NoSQL)
- AI API Integration
- Git, GitHub
- Figma, UI/UX