

# BRADY ANCELL

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## EDUCATION

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**Colorado School of Mines, Golden, CO**  
*Bachelor of Computer Science*

August 2022 – Present (Graduating December 2025)  
3.91 GPA

- Minor: Computational and Applied Mathematics
- Achievements: Datava C-MAPP Scholar — President's Scholarship — Dean's List

## WORK HISTORY

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**Tyler Technologies, Golden, CO**  
*Software Developer Intern*

May 2025 – Present

- Led upgrade of enterprise content management platform from Java 17 to Java 21, modernizing build/deploy pipelines (Gradle, Jenkins, Octopus) and improving performance, security, and maintainability
- Implemented internationalization across Java backend and Angular frontend, enabling multi-language support and synchronized frontend-backend language switching
- Co-developed winning company hackathon project integrating a visual language model chatbot into the platform, enabling search by text and image-rich content

**Dish Network, Summer Field Session (CSCI 370)**  
*CSCI370 Fullstack Developer*

May 2024 – June 2024

- Developed a custom web interface to streamline interaction with internal APIs, enabling thousands of employees to test and utilize microservices more efficiently.
- Built dynamic webpages using Flask, Jinja, and SQLAlchemy to support evolving microservices.

**WebSight Operations, Grand Junction, CO**  
*Co-Founder / Designer*

July 2020 – January 2025

- Co-founded a successful web and graphic design business that's completed 100+ website development projects across 5+ countries.

## PROJECTS

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- **EnforcAR (MHacks 2025 Winner)** — A law enforcement augmented reality (AR) tool using Snap Spectacles to automate scanning and flagging of license plates. Detects license plates, then flags any issues (expired, stolen, warrants, etc.) in AR. Built in Lens Studio with a Python backend using ChatGPT API's for plate recognition and a mock government database made with FastAPI.
- **guardian.ai (BlasterHacks 2025 Winner)** — Emergency alert app that uses Groq AI to create personalized evacuation plans and alerts users based on government emergency broadcasts. Built with Svelte, Tailwind, FastAPI, and Docker.
- **OneJobPlease** — An email scraper and webapp that tracks and displays the status of job applications found in your email inbox. Using OAuth, Docker, Svelte and PostgreSQL, integrated with OpenAI APIs.
- **Daywise** — A Google calendar-like webapp for tracking and categorizing daily tasks and measuring productivity. Frontend in Svelte, backend in Go, with a Dockerized PostgreSQL database.
- **Mines Library Webpage** — Dynamic site for Mines' Arthur Lakes Library displaying course reading lists. Nightly cron job with PHP script caches up-to-date course info via API calls.

## SKILLS

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**Programming Languages:** Python, C++, Java, JavaScript, MATLAB, LaTeX, SQL, Go, TypeScript

**Web Dev:** Angular, Svelte, TailwindCSS, Bootstrap, HTML/CSS, Echo, Templ, FastAPI

**Other Tech:** Git/GitHub, Docker, Gradle, Jenkins, Octopus Deploy

**Soft Skills:** Project management, communication, team collaboration, problem solving