

COUGAR BELLINGER

SOFTWARE ENGINEER

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PROFESSIONAL OVERVIEW

Software Engineering graduate from the University of Arizona, with hands-on experience in full-stack development, DevSecOps, and CI/CD pipelines. Award-winning designer recognized by Honeywell for aerospace system design. Proven leader with a track record of founding organizations and managing large-scale technical operations — passionate about building software that creates real community impact.

WORK EXPERIENCE

Co-Founder and Assistant Executive Producer

Human Impact Productions | Tucson AZ | 2024 - Present

- Co-founded a production company focused on STEAM education events; assist with budget management and live technical systems.

Co-Founder and Producer

Arizona Bowl RAAVOLUTION Festival | Tucson AZ | 2016 – 2025 (Yearly event)

- Direct live audio production and performance schedules, provide accommodations for event vendors, and guide a large parade within a specified time slot on event day.

Instructional Technology Student Worker

University of Arizona, College of Education | Tucson AZ | 2022 - 2025

- Install and maintain instructional technology systems in local classrooms.
- Help students and faculty with issues relating equipment checkouts, poster printing, and technical difficulties.
- Collaborate in a team environment to manage and troubleshoot audio and video systems for live event productions.

FEATURED PROJECTS

For my full project portfolio, please visit <https://cougarbellinger.github.io>

Personal Financial Management System

- Developed a personal financial management system, applying DevSecOps methodology, CI/CD with GitLab, and Docker.
- SolidJS and Tailwind CSS used for front-end.
- PocketBase and FinnhubAPI used for back-end.

Pharmacy Management System

- Built a pharmacy management system to handle prescription tracking, inventory, and patient records
- HTML and CSS used for front-end.
- Django and PostgreSQL used for back-end.

EDUCATION

Bachelor's degree

Software Engineering,
University of Arizona
May 2026

SKILLS

- Assembly Programming
- Full Stack Development
- Project Management
- Agile / Scrum methodologies
- DevSecOps
- CI / CD
- Linux / Unix
- Java, Python, C/C++, C#, HTML/CSS, Typescript, SQL

ACHIEVEMENTS

Award for Excellence in Aerospace System Design

Honeywell

2025, Craig M. Berge Design Day

Award for Best UAS Design

Frank L. Broyles

2025, Craig M. Berge Design Day

Outstanding Youth in Philanthropy Award

Association of Fundraising Professionals

2018

Up and Coming Musician of the Year

Tucson's Musicians Museum

2018