

## SUMMARY

**Computer scientist** and **Creative technologist** passionate about leveraging technology, design and data for social good. Experience spans Google Cloud development, secure system design, and full-stack platforms serving 2,400+ users. Combines technical depth in Java, Python, JavaScript, and cloud platforms with cross-functional leadership and collaborative problem-solving.

## EDUCATION

**University of Colorado** Boulder, School of Engineering August 2021- December 2025  
B.A. in Computer Science, GPA: 3.87 | B.S. in Creative Tech and Design, GPA: 3.94 | Leadership Minor – Presidents Leadership Class

## LEADERSHIP

**Break Through Tech, Fellow** April 2025-Present  
• Selected from 3,000+ applicants for competitive Google Cloud Sprinternship. Earned Cloud Digital Leader Certification; pursuing Google Cloud Generative AI Leader certification

**HackCU, Director** April 2025-Present  
• Lead Director for region's largest hackathon (350+ attendees): unified Finance, Marketing, Tech, and Logistics, fostering collaboration across 10+ team members and external partners. Prioritized inclusive leadership, sustainable workloads, and high stakeholder satisfaction.

## EXPERIENCE

**Google Cloud, Software Development Sprintern, Boulder, CO** May 2025-June 2025  
• Developed **production-ready** Chrome extension for Google Cloud's Gemini platform using **Agile methodology**, delivering prompt engineering tool with **100% uptime over 60-day deployment** to 15+ users  
• Collaborated with cross-functional team through 5 sprint cycles with iterative user feedback, requirements refinement, and zero-downtime deployment

**Atlas Institute, Learning Assistant, Boulder, CO** January 2025-Present  
• Mentor 45+ undergraduate students in hardware development and electronics engineering, maintaining 99% satisfaction rating through clear technical communication and hands-on troubleshooting support  
• Addressed student pain points by authoring accessible guides for hardware system power issues, elevating learning outcomes and supporting diverse academic backgrounds.

**CultOf8 LLC, Lead Web Developer, Startup Support, Boulder, CO:** <https://cultof8.me> July 2024- Present  
• **Architected and deployed full-stack e-commerce platform** serving 1,700+ users using JavaScript, HTML/CSS, and RESTful API integration (Ecid), supporting 10+ content creators with scalable web infrastructure  
• Implemented SEO optimization and performance monitoring, driving 13.33% user growth and establishing first revenue stream through data-driven marketing strategies  
• Led technical infrastructure including security implementation, database management, and cross-browser compatibility

**Blow Things Up Lab – Atlas Institute, Makerspace Technician, Boulder, CO** January 2025-Present  
• Provided technical support using troubleshooting expertise across hardware, 3D modeling, web development, animation, and circuit design to assist 700+ students with diverse interdisciplinary projects driving 15.4% growth in active student user

**Conference Services, Residential Services Manager, Boulder, CO** May 2023-August 2025  
• Managed large-scale data systems and operational workflows for 28,000+ residents using KX software platform, contributing to \$9M revenue generation (2024) through **process optimization and system reliability**  
• Provided critical incident response and problem-solving under high-pressure conditions, maintaining <10-minute average response time across 80-person cross-functional team

**Post-Internet Project LLC, Lead Website Architect, Intern, Boulder, CO** January 2024-May 2024  
• Developed WordPress platform using UX-focused design principles and responsive frameworks, improving accessibility for 300+ student users. Managed project workflow using Asana and Figma for rapid prototyping.  
• Created 3 mental wellness technology curricula for middle school students, contributing 15% of total program curriculum production.

## SKILLS

Programming: Java, Python, JavaScript, C/C++, Scala, Swift | Frameworks: Node.js, REST APIs, Git, Agile/Scrum, Bootstrap  
Cloud/Data: Google Cloud (Cloud Digital Leader), SQL, data visualization/management  
Systems/Security: OS, cybersecurity, ethical hacking, system design, Arduino/embedded  
Design: Photoshop, Illustrator (advanced editing, product photography, graphic design), XD, InDesign, Premiere Pro (UI/UX, layout, multimedia), Onshape (CAD), Figma (UI), Rhino (2d and 3d), Wood, Metal, and Plastic Fabrication