

Zachary Brasher

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EDUCATION

University of California, Riverside

Riverside, CA

(Intended) B.S. in Computer Science | Current GPA: 3.85

May 2028

Norco College

Norco, CA (Dual enrollment)

A.A. in Math & Sciences, A.A in Social & Behavioral Studies | GPA: 3.71

May 2025

TECHNICAL SKILLS

Languages: Go, TypeScript, Python, C++, Java, Bash.

Web/Frameworks: Next.js, Tailwind, React (if applicable).

Infrastructure/DevOps: Docker, Tailscale, Postgres, Git, Caddy, Cloudflare Tunnels.

PROFESSIONAL EXPERIENCE

Founder & Security Researcher | Jolt Security

Eastvale, CA

November 2025 - present

- Developed custom semi-automated internet vulnerability pipelines
- Remediated API, integration, and application vulnerabilities for 200+ clients, directly contributing to \$70,000 in sales
- Debugged and hosted 4 baremetal servers using **Debian, Alpine, Docker, Postgres, Go, and Tailscale**
- Notable clients include: GitHub, ElasticSearch, xl8.ai

Lifeguard & ride operator | The Cove Waterpark

Jurupa Valley, CA

Aug 2021 - May 2024

- **Provided proactive guest service**, answering inquiries while maintaining constant surveillance of the water
- **Resolved conflict situations** involving park rules and safety violations using "positive enforcement" techniques to maintain a family-friendly atmosphere.
- Managed dispatch for water attractions, ensuring strict adherence to safety rules and rider height/weight requirements to prevent accidents

PROJECTS

Scheduleplanner

Cutie Hack Project

October 2025

- Collaborated within a 3-person team to deliver a functional MVP, ultimately winning "Best Beginner Project" for technical implementation and utility.
- **Engineered** data ingestion pipelines using **Next.js** to scrape, aggregate, and display course data from various APIs into a unified user interface.

Homelab

Personal Project

May 2021 - present

- **Architected** Docker-based infrastructure for centrally and securely storing personal data
- **Implemented** zero-trust networking using **Tailscale VPN, Cloudflare Tunnels, and Hetzner cloud servers**, secured by a Caddy reverse proxy with automated ACME SSL management.

LEADERSHIP EXPERIENCE

Link Crew | High School leadership program

Eastvale, CA

Aug 2021 - May 2025

- Mentored ~40 incoming freshmen, facilitating their transition to high school through campus tours and icebreaker activities
- Maintained audio and lighting equipment for biannual live performances for audiences of 500+

Best Buddies | High School leadership program

Eastvale, CA

Aug 2023 - May 2025

- **Coordinated weekly social events and inclusive activities** to foster meaningful friendships between students with and without intellectual and developmental disabilities