

Zachary Brasher

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EDUCATION

University of California, Riverside	<i>Riverside, CA</i>	
(Intended) B.S. in Computer Science Current GPA: 3.85		May 2028
Norco College	<i>Norco, CA (Dual enrollment)</i>	
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	<i>Eastvale, CA</i>	November 2025 - present
<ul style="list-style-type: none">Developed custom semi-automated internet vulnerability pipelinesRemediated API, integration, and application vulnerabilities for 200+ clients, directly contributing to \$70,000 in salesDebugged and hosted 4 baremetal servers using Debian, Alpine, Docker, Postgres, Go, and TailscaleNotable clients include: GitHub, ElasticSearch, xl8.ai		
Lifeguard & ride operator The Cove Waterpark	<i>Jurupa Valley, CA</i>	Aug 2021 - May 2024
<ul style="list-style-type: none">Provided proactive guest service, answering inquiries while maintaining constant surveillance of the waterResolved 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	<i>Cutie Hack Project</i>	October 2025
<ul style="list-style-type: none">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	<i>Personal Project</i>	May 2021 - present
<ul style="list-style-type: none">Architected Docker-based infrastructure for centrally and securing storing personal dataImplemented 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	<i>Eastvale, CA</i>	Aug 2021 - May 2025
<ul style="list-style-type: none">Mentored ~40 incoming freshmen, facilitating their transition to high school through campus tours and icebreaker activitiesMaintained audio and lighting equipment for biannual live performances for audiences of 500+		
Best Buddies High School leadership program	<i>Eastvale, CA</i>	Aug 2023 - May 2025
<ul style="list-style-type: none">Coordinated weekly social events and inclusive activities to foster meaningful friendships between students with and without intellectual and developmental disabilities		