

# Carson Webster

619-302-8234 | carsonwebster@hotmail.com | carsonwebster.com

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## EDUCATION

**University of California, Santa Cruz Santa Cruz, CA**  
*Bachelor of Science (B.S.) in Computer Science (GPA: 3.3)*  
*Minor in Technology Information Management*

*Graduated: June 2023*

## EXPERIENCE

### Lead Tutor

*Code Ninjas, Chula Vista*

*February 2019 - January 2020*

- Lead tutor in after school computer science game development program for children aged 7-14.
- Managed day to day store operations with my team.
- Summer camp lead teacher holding programming classes and other STEM activities.
- Developed prototype of a new pathway progress tracker used to notify us if a student beings to fall behind in curriculum.

### Lifeguard and Swim Instructor

*City of Chula Vista*

*November 2017 - January 2019*

- Enforced pool safety rules, preformed rescues when required, and other operational tasks.
- Held swim classes with children 4-12 creating a fun, educational, and safe pool classroom environment.

## PROJECTS

### [ResumeWizard.tech](#)

*Web App - (Typescript, SvelteKit)*

*February 2023 - June 2023*

- Developed a full stack Sveltekit application allowing users to optionally login and enter resume information. Resume information is grammar corrected and touched up with OpenAI's GPT API and then neatly exported to a LaTeX formatted resume.
- Cruzhacks 2023 hackathon category winner

### [CarsonWebster.com](#)

*Static Web Page - (Hugo)*

*May 2022 - Current*

- Hosting a personal portfolio and blog static site.

### OpenAI-GUI

*Native App - (Typescript, Sveltekit, Tauri, Rust, Trunk)*

*October 2022 - December 2022*

- Developed a cross platform native application to configure and query requests from OpenAI API models in a chat like conversation format with persistent local storage.

## CERTIFICATES

- CompTIA Security+, expected July 2023

## SKILLS

**Programming Languages:** Python, TypeScript, Rust, C, HTML, Bash + Powershell

**Tools:** React.js, SvelteKit, Node.js, Tailwind, Docker, Git, Unix (NixOS, Debian, Arch)

## RELEVANT COURSEWORK

**Computer Networks:** TCP/IP, UDP, HTTP, TLS, DNS, Web Caches, Cookies, Sockets, NAT, Subnets

**Computer Systems:** Concurrency, Interrupts, CPU Scheduling, Memory Management, Paging, Filesystems

**Software Engineering:** React.js, Svelte, Node.js, Saas, Scrum, Agile Development Methodology, Unit Testing

**Computer Architecture:** ISA, Cache Coherence, Pipelining, Virtual Memory, Multi-Processing, Multi-Threading