

# H. Race Hunter

Tempe, AZ | [race@racehunter.dev](mailto:race@racehunter.dev) | 858-255-4225 | [/in/racehunter](https://in/racehunter) | [racehunter.dev](https://racehunter.dev)

## Objective

Motivated computer engineer with experience in enterprise development tools and project management. Interested in performance-critical systems. Seeking full-time entry-level engineering position.

## Skills

**Languages** – Java, Python, Javascript, C#/.NET

**Web Technologies** – Electron, React.js, Typescript, Node.js

**Tools** – git, Docker, Jenkins, Sentry, Splunk, MongoDB, Jira, IntelliJ, VS code, Visual Studio

**Hardware** – System Verilog, EAGLE PCB, Quartus Prime, digital logic

## Education

Graduated Dec 2020

**University of California, San Diego** – Revelle College

Bachelor of Science in **Computer Engineering**

- Advanced Software Engineering – led a group of 11 to build Chrome extension
- Advanced Digital Design – led a group of 3 to design a bitcoin miner in SystemVerilog
- Intro Comp. Architecture – optimized simplified AlexNet: pipelining, loop tiling, multithreading
- Quadcopter Design – designed, assembled, and programmed a custom PCB
- Business Focus: Enterprise Finance, Accounting, Ethics at Work

## Professional Experience

Sep 2020 – Dec 2020

Vehicle Software QA Intern, **Tesla Inc.**

(Full-Time)

- Expanded the python vehicle firmware crash processor to meet the needs of a growing global fleet
- Integrated firmware codebase with Sentry to show lines of code surrounding each frame in the stack trace for a firmware crash, dramatically reducing developer debugging time

June 2020 – Sep 2020

CS Engineering Intern, **Sun Engineering & Technology International**

(Part-Time)

- Lead Developer of a team of 3 interns, including training in git, testing, and deployment
- Designed, developed, and deployed a .NET automation tool, saving 2 hours per file for over 400 files per project, with emphasis on adaptability for future projects

Sep 2019 – Dec 2019

Software Engineering Intern, **Fitbit, Inc.**

(Part-Time)

- Created Java microservice to automate EOL for consumer firmware, saving 2 hours each week of developer time and reducing time for consumer updates

June 2019 – Sep 2019

Software Engineering Intern, **Fitbit, Inc.**

(Full-Time)

- Created React.JS web app, increasing productivity by replacing CLI tools that required developer involvement, saving several hours each week for a team of 20
- Automated update distribution (CI/CD) and testing, increasing productivity and reducing debugging time

## Other Experience

Jan 2021 – Present

**Homelab Enthusiast** – including Proxmox, pfSense, Docker, Home Assistant, Jellyfin, Pi-Hole

June 2018 – June 2019

**Shuttle Driver**, UC San Diego – including Class B CDL

June 2015 – April 2018

**Missionary**, Church of Jesus Christ of Latter-day Saints – assigned to Seattle, Washington

June 2014 – June 2015

**Owner**, Race to the Top – sold industrial surveillance systems to fund religious mission

July 2013 – June 2015

**Chief Technical Officer**, Racing Explained – designed/maintained website, produced instructional videos

Aug 2013 – June 2014

**Freelance Web Developer**

July 2009 – July 2013

**Web Developer and Computer Repair**, Ventana Software