

H. Race Hunter

Tempe, AZ | hhunter@ucsd.edu | 858-255-4225 | /in/racehunter | racehunter.dev

Objective

Motivated computer engineer experienced with enterprise development tools and project management. Interested in performance-critical systems. Seeking full-time entry-level engineering position starting in February 2021 after graduating December 2020.

Skills

Languages – C/C++, Java, C#/.NET, Python

Web Technologies – Javascript, Electron, React.js, Typescript

Tools – git, Docker, Jenkins, Sentry, Splunk, MongoDB, Trello/Asana/Jira, IntelliJ, VS code, Visual Studio

Hardware – Verilog, EAGLE PCB, Quartus Prime, digital logic, analog circuit analysis

Professional Experience

Intern , Tesla Inc.	Sep 2020 – Dec 2020
CS Engineering Intern , Sun Engineering & Technology International	June 2020 – Sep 2020
<ul style="list-style-type: none">Lead a team of 4 to design, code, and deploy a .NET automation tool spanning an hour-long workflow for over 400 files per project, with emphasis on adaptability for future projects	
Software Engineering Intern , Fitbit, Inc.	June 2019 – Dec 2019
<i>Full time internship (June – September)</i>	
<ul style="list-style-type: none">Created React.JS web app, increasing productivity by replacing CLI tools that required developer involvement, saving several hours each week for a team of 20Automated update distribution (CI/CD) and testing, increasing productivity and reducing debugging time	
<i>Part time internship (September – December)</i>	
<ul style="list-style-type: none">Created Java microservice to automate EOL for consumer firmware, saving 2 hours each week of developer time and reducing time for consumer updates	
Business Owner , Race to the Top	June 2014 – June 2015
<ul style="list-style-type: none">Sold and installed industrial surveillance systems to fund a full-time religious mission for 2 years	

Notable Coursework – Computer Engineering at UC San Diego (December 2020)

<i>Advanced Software Engineering (CSE 112)</i>	Spring 2020
<ul style="list-style-type: none">Lead a group of 11 to design, document, and build a Chrome extension to boost remote developer productivity	
<i>Advanced Digital Design Project (ECE 111)</i>	Spring 2020
<ul style="list-style-type: none">Conducted a group of 3 to design and synthesize a bitcoin miner using SystemVerilog	
<i>Intro to Computer Architecture (CSE 141)</i>	Winter 2020
<ul style="list-style-type: none">Optimized a simplified version of AlexNet for speed up of 4.8x using pipelining, loop tiling, and multithreading	
<i>Quadcopter Class (CSE 176E)</i>	Spring 2019
<ul style="list-style-type: none">Worked in a team of 2 to design, manufacture, and assemble a custom PCB using EAGLE softwareDeveloped various safety mechanisms in firmware to reduce operator injury, including safe startup, auto timeout, and interference rejection	

Other Coursework

<i>Front-end Design</i>	<i>Principles of Operating Systems</i>	<i>Theory of Computability</i>
<i>Digital Logic Design + Lab</i>	<i>Advanced Data Structures</i>	<i>Algorithms</i>
<i>Intro to Data Science</i>	<i>Enterprise Finance</i>	<i>Principles of Accounting</i>
<i>Health Care Robotics</i>	<i>Ethics at Work</i>	