H. Race Hunter

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# Objective

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|  | 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

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|  | **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

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| 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

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| 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

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| 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 |