

SOFTWARE ENGINEER

Carl Molina

PROFILE

Full stack software engineer w/ five years of autonomous vehicle operations experience. Work-passionate individual seeking long-term growth w/ storied KPI success in high-impact, fast-paced environments. Strong technical knowledge, proactive learning w/ consistent interpersonal skills enabling efficient collaboration.

EXPERIENCE

FIELD OPERATOR SPECIALIST III, KETT ENGINEERING – MAY 2018 - MAY 2023

- Served as Calibrations and Sensor Health DRI for autonomous vehicle operations in a dynamically-changing, fast-paced onsite setting w/ a variety of high-value clients.
- Managed a team of driver-operators, facilitating optimal use of labor allocation, following SOPs, and encouraging best practices, resulting in higher team retention rates, increased overall technical/product knowledge and productivity by 150%, and decreased human operator error to less than 10%.
- Consistently completed successful high-volume calibration sprints in advance of deadlines, delivering and meeting company/client goals, and pushing overall project readiness ahead of schedule in high-impact, high-profile scenarios. Increased average output of full systems calibration cycles from 2 vehicles/day to 4 vehicles/day.
- Collaborated closely w/ engineers, project managers, and external stakeholders to expedite test requests, research and development, and internal program processes.
- Lead all phases of calibration and sensor health operations from drafting SOPs, test request, deployment, testing, ingestion, metadata, annotations, and data review.

COMPTech S Intern, Occupational Training Institute – Dec 2017 - Apr 2018

- Refurbished donated, used computers to redistribute to underprivileged students. Installed software, inspected and tested each computer before approval to distribute.

EDUCATION

Rithm School Full Stack Software Engineer Bootcamp | Mar 2024

De Anza College | Cupertino, CA - AS, Computer Science | 2019

Loyola Marymount University | Los Angeles, CA - BA, Screenwriting | 2016

SKILLS

- Working knowledge of JIRA, Quip, MacOS. Currently developing further technical knowledge in Rithm School's Nov 2023 cohort.

AWARDS

- Graduated Summa Cum Laude (DAC), Cum Laude (LMU)