

Kevin Morrison

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An Embedded Software Engineer with 10+ of experience, specializing in electrical engineering, product development, firmware, and software development. A strong history of leading diverse software engineering teams to deliver next-generation products for autonomous vehicles.

Education

Bachelor of Science (B.S.) Software Engineering

University of San Francisco,
San Francisco, CA
September 2007 - May 2011

Key Skills

- Autonomous Vehicles
- Product Development
- Embedded Software Solutions
- ISO 26262
- ARM Microcontrollers

Professional Experience

Senior Embedded Software Engineer

Luminate Technology Corp., San Francisco, CA | May 2016 – Present

- Lead a team of 30+ software engineers and developers to build ARM microcontrollers and develop firmware from the ground up for next-generation self-driving vehicles
- Drive the development of embedded software, communication interfaces, and autonomous applications in compliance with ISO 26262 safety standards
- Coordinate with data scientists, machine learning experts, and engineers to create simulation and testing frameworks for autonomous vehicles

Embedded Software Engineer

Catalyst Software Inc., San Francisco, CA | May 2011 – May 2016

- Developed prototypes, hardware technologies, microprocessors, and firmware to bring new autonomous vehicles to market, which included architecting testing environments for unit verification and safety compliance
- Designed, tested, and developed embedded software, oversaw the integration and debugging of software modules, and monitored system performance