Adam Ali

Automotive Software Engineer

(425) 268 - 5032

adamali@uw.edu

adamaali.github.io

Hello!

I'm a driven automotive software engineer. When elementary me discovered the command-line, a newfound joy connected with my affection for cars to put me on track for a career fit for the future of mobility.

Education

University of Washington Bothell

BS Computer Science & Software Engineering

2018

Skills

- Agile, JIRA, Git
- Reqtify
- JAMA, DOORS NG
- VectorCAST
- DevOps, Docker
- ASIL, CAN
- Medini Analyze
- MISRA C/C++
- Rational Rhapsody
- Linux, QNX

Career

NVIDIA
Functional Safety Engineer
2018 – Present

Collaborated with international NVIDIA DRIVE® OS teams and partners to design, implement, test, document and maintain complex tools for AUTOSAR and ISO 26262 functional safety compliance.

Projects

Digital Cluster	Custom gauges with a Raspberry Pi, Pi Display, PiCAN3 and Qt Automotive Suite via OBD-II.
Vehicle Detect	Applies computer vision and machine learning to detect vehicles in images.
Automobile Components Database	Design concept for an automotive manufacturing database.

Coursework

Management Principles for Computing Professionals	Explored leadership, mentoring, team building, delegation, communication and decision-making.
Analysis and Design	Acquired methods to capture requirements, model use cases and diagram processes.
Software Engineering	Learned about project life cycles, reviews, documentation, and quality assurance.

United States Citizen
Flexible with remote work and business travel