

# Adam Ali

Automotive Software Engineer

(425) 268 - 5032

[adamali@uw.edu](mailto:adamali@uw.edu)

[adamaali.github.io](https://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.

## Skills

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

## Projects

Digital Cluster Custom gauges using a Raspberry Pi, 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.

## Education

University of Washington Bothell

BS Computer Science & Software Engineering

2018

## 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.

## 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.

