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
- DevOps
- Micro-services
- Cloud API
- Containerization
- C++
- C#
- Java
- Python
- JSON, YAML

Career

NVIDIA
Automotive 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

Vehicle Detect
2018
Applies computer vision and machine learning to detect vehicles in images.

Automobile Components Database
2018
Design concept for an automotive manufacturing database.

68K Disassembler
2018
Decompiles binary back into Motorola 68K assembly instructions.

Coursework

Analysis and Design
2017
Acquired methods to capture requirements, model use cases and diagram SysML/UML.

Data Structures, Algorithms and Discrete Mathematics
2017
Covered binary trees, graphs, queues, hashing, dictionaries and logical proofs.

Software Engineering
2016
Learned about project life cycles, reviews, documentation, and quality assurance.

United States Citizen
Flexible with remote work and business travel