Zachary Warunek

Computer Science Student

Objective

Looking for a challenging and fulfilling role to further develop my skills as a software engineer

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Technical Skills

Java
Angular
Typescript
Python
SQL
AWS
Docker
REST APIs

Soft Skills

Approachability
Confidence
Communication
Team Player
Public Speaking

Extracurriculars

Involvement Chair, Sigma Chi
2020 - Present

Education

Kettering University
B.S. in Computer Science
Senior
July 2019 - March 2023

Experience

Amazon   June 2022
Incoming SDE Intern

Ford Motor Company   March 2021 - Present
ADAS Software Engineer, Full-time Co-op
- Built a tool to annotate large amounts of video data for training
- Developed a root cause analysis tool to parse logs generated from NN testing to more efficiently analyze NN performance
- Reviewed and created documentation for ADAS software
- Annotated and prepared large datasets for training

Ford Motor Company   March 2020 - Dec 2020
Full-stack Java/Angular Developer, Full-time Co-op
- Developed a portal for use by the Mobile Eye team by communicating across teams for requirements and building the necessary site.
- Used Angular, Java Spring Boot, and REST APIs
- Developed front and back-end systems

Ford Motor Company   Sept 2019 - Dec 2019
Software Engineer/ Data Analyst, Full-time Co-op
- I launched a software application into production that made it much easier for engineers who are seeking vehicle data by pitching the idea, developing the product, and presenting it to the upper management of Enterprise Connectivity.
- Analyzed the necessity of hardware components on vehicles from the use of connected vehicle data.

Projects

Pathfinding Visualizer   June 2021
pathfindingvisualizer.net
Technologies Used: Angular
- Pathfinding Visualizer is a pet project that I started to refamiliarize myself with different pathfinding algorithms
- This was built using Angular, Typescript, HTML, and CSS

Ford Search Engine   Oct 2019 - Dec 2019
Technologies Used: Java
Cost Savings: $3-5 million
- Search engine to find data from vehicles
- Saves engineers substantial time to more efficiently make the product better