

# Zachary Warunek

## Computer Science Student

### Objective

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

### Contact Info

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#### Email Address

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#### Phone Number

(734) 307-5280

#### LinkedIn

<https://linkedin.com/in/zachary-warunek>

#### Website

<https://zacharywarunek.com>

### Technical Skills

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Java, Angular, Typescript, Python, SQL, AWS, Docker, REST APIs

### Projects

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#### Pathfinding Visualizer

📅 06/2021

<https://pathfindingvisualizer.net>

Technologies Used: Angular

- Pathfinding Visualizer is a pet project that I started to refresh myself with different pathfinding algorithms

#### Personal Portfolio Website

📅 10/2020

<https://zacharywarunek.com>

Technologies Used: Angular, AWS

- This was my first crack at a website that I designed and built from scratch using Angular
- I used the knowledge gained during my Ford co-op
- I gained experience working with cloud computing platforms

### Education

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#### B.S. in Computer Science

[Kettering University](#)

Senior

📅 07/2019 - 03/2023

### Experience

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#### Incoming SDE Intern

[Amazon](#)

📅 06/2022 - 09/2022 📍 Irvine, CA

#### ADAS Software Engineer, Co-op

[Ford Motor Company](#)

📅 03/2021 - 12/2021 📍 Dearborn, MI

- Built a GUI with Python to annotate large amounts of video data for training
- Developed a root cause analysis tool with Python to parse logs generated from NN testing to more efficiently analyze performance
- Reviewed and created documentation for ADAS software
- Annotated and prepared large datasets for training

#### Full-stack Java/Angular Developer, Co-op

[Ford Motor Company](#)

📅 03/2020 - 12/2020 📍 Dearborn, MI

- 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

#### Software Engineer/ Data Analyst, Co-op

[Ford Motor Company](#)

📅 09/2019 - 12/2019 📍 Dearborn, MI

- 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
- The application I developed resulted in \$35 million in time and cost savings and was later passed off to a full team
- Analyzed the necessity of hardware components on vehicles from the use of connected vehicle data