<https://wordhtml.com/>

**Work Experience**

**Ford Motor Company - Software Engineer**

* 2019-Current

Work with Global Track and Trace.  Track vehicles & their status through the build & ship process.  Using milestones from the plants & carriers, track vehicles from creation to delivery to dealerships.  Using this information, run analyses to find optimal paths the vehicles should take.  When the vehicles are not moving as they should, detect this and alert relevant parties in real time.  Manage systems to allow management to redirect the vehicle quickly and efficiently.

**General Tasks**

* Store and analyze routes to find optimal delivery paths.
* Build systems to notify management when data says something wrong
* Send mass texts & emails with formatting based on user preference & relevance

**Personal Tasks**

* Build webpages for management to modify vehicles paths
* Build webpages for management to see data analytics
* Oversee general website design and layout
* Build backend for storing user data, vehicle information
* Build backend for sending out alerts (email & text) to management
* Oversee decommission of redundant software systems

**Technologies**

* Java
* HTML,CSS
* JavaScript
* SQL
* Thymeleaf/Springboot

**Consumer's Energy - Internship**

* 2016

**My Education**

B.A in Computer Science from Michigan Technological University

Graduation year : 2019

Overall GPA : 3.2

**Courses in**

* Java, C/C#, Python
* HTML, CSS, JS, PHP
* Compilers, CPU circuits, Networks/Servers
* Data Structures, Object Oriented Programming, Algorithms
* Unity/3D graphics, Performance
* Artificial Intelligence – Neural Nets (Perceptrons)
* Team Programming, Scrum/Agile, Pair Programming
* Linux/Bash, Git

**Husky Games Enterprise:**

Participated in an enterprise centered around game development.  Split into teams of 6, managed our own project for 2 semesters.

* Programmer – created control interface + menu systems + physics objects
* Managed teams GitHub
* Recorded + Edited project presentation (video showing off gameplay)
* Setup team meetings

**Prior Education**

* First robotics (create/program fighting robots) during high school
* C++ during high school