

Matt Mawson

JR. APPLICATION DEVELOPER

Skills

HTML	TypeScript	
Angular	Sass	Python
JavaScript	Git	SQL
CSS	Java	

Projects

PERSONAL / E-COMMERCE WEBSITE

December 2021 - Present

➤ Coding application to showcase my client's culinary series using Angular, Java with Spring Boot, and MySQL

GOOGLE SEARCH CLONE

April 2021

➤ Utilized parallel processing to build end-to-end search engine for Wikipedia articles using Flask and React

INSTA485

February 2021

➤ Constructed a client-side dynamic Instagram clone to incorporate infinite scroll and double-tap likes using Flask, ReactJS, and SQLite3


PIAZZA MACHINE LEARNING

March 2018

➤ Employed input data to train and predict labels for new Piazza posts using Machine Learning, Natural Language Processing, and conditional probability

Contact

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 732-284-6061

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Education

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN

2017-2021

- Bachelor of Science in Industrial & Operations Engineering
- Minor in Computer Science

AWARDS

- Graduated Cum Laude
- Dean's List: Fall 2020, Winter 2021
- University Honors: Winter 2020

RELEVANT COURSEWORK

- Programming & Introductory Data Structures
- Data Structures & Algorithms
- Web Systems

Work Experience

JUNIOR APPLICATION DEVELOPER

Union Pacific | Omaha, NE

June 2021 - Present

- Developing user interfaces with Angular and AG-Grid to aid in root cause analysis, enabling CC&S to resolve Shipment Management Application issues 50% faster
- Performing back-end maintenance and altering microservices with Spring Boot to obtain data from new data stores, reducing UI inaccuracies by 20%

INFORMATION TECHNOLOGY INTERN

Union Pacific | Omaha, NE

May 2020 - August 2020

- Reconstructed the Utility Contract System using Java with Spring, Angular, and SQL
- Wrote unit tests with JUnit and Mockito, ensuring a code coverage rate of 90%
- Improved UI aesthetics and data clarity, reducing processing time by up to 3 days