

# Jenna Chen

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## EDUCATION

### University of Michigan

B.S. Computer Science & Economics (Minor)

Expected Graduation: April 2022

Relevant Coursework: Data Structures & Algorithms, Web Systems, Computer Organization, Foundations of Computer Science, Discrete Math, Statistics & Data Analysis, Linear Algebra

Ann Arbor, MI  
GPA: 3.71 / 4.00

## EXPERIENCE

### Ford Motor Company

June 2020 – August 2020

#### Software Engineering Intern

- Worked in the GDI&A Department on the Network Planning Tool designed to optimize the placement of service depots given client specified parameters.
- Wrote verification software to ensure scenario request was computable before request was sent to database using Java.
- Implemented logging functionality and various error handling for web server and database communication using Python.
- Minor frontend development including building webpages based off existing designs using HTML/CSS/JS.

### University of Michigan Computer Science & Engineering

January 2020 – Present

#### Instructional Aide for EECS 281 (Data Structures & Algorithms)

- Class covers a variety of concepts such as algorithm analysis and O-notation, fundamental data structures (stacks, queues, hash tables, AVL trees, etc.), as well as algorithm techniques (dynamic programming, greedy, recursive, divide and conquer, etc.).
- Main responsibilities include teaching a weekly lab section of 30+ students reviewing lecture content, holding weekly office hours to help students with debugging projects and labs, and assisting in writing and evaluating exams.

### University of Michigan Information & Technology Services

November 2019 – January 2020

#### Quality Assurance Team

- Tested and reviewed new software and hardware changes to predict any potential user experience alterations before they were released to MiWorkspace faculty devices around campus.

### University of Michigan Law School

September 2018 – May 2019

#### Research Assistant

- Analyzed the changing nature of public and private markets.
- Responsibilities included using Excel to analyze data drawn from 100+ shareholder agreements as well as interpreting financial literature.
- Contributed to "Governance by Contract: An Empirical Analysis of Shareholder Agreements" (Working Paper).

## NOTABLE PROJECTS

### Personal Website ([jennazch.github.io/home](http://jennazch.github.io/home))

August 2020

- Built a personal website highlighting my professional portfolio and personal interests by first designing the UI in Adobe XD, then implementing it using HTML and CSS.
- Taught myself HTML and CSS using free online resources and familiarized myself with using GitHub version control.

### Post Classifier

December 2018

- Created and trained a classifier to identify the subject of sample Piazza posts as an introduction to natural language processing and AI.
- Implemented using recursion, binary search trees, and maps.

## SKILLS

Computer: C++/C, HTML, CSS, Autodesk Inventor, Fusion 360, Microsoft Office, Google Suite

Language: Chinese (proficient) & English (native)

Design: Adobe XD, Drawing & Sketching