

# Lin, Sabrina

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**GitHub:** <https://github.com/Xuan466>

## Education

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### University of Michigan, (*College of LSA*)

**Ann Arbor, MI**

*Bachelor of Science/Art in Computer Science*

Aug 2023-May 2027

- GPA: 3.793
- Course Highlights: Data Structures and Algorithms; Web Design, Development, and Accessibility\*
- Awards/Honors: Kessler Scholars, EECS 183 Showcase Grand Prize Winner

## Relevant Experience

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### Southwest Detroit Business Association

**Detroit, MI**

*Intern*

Jun 2024-Aug 2024

- Created a multi-page tourism website mock-up that focused on user experience and responsive design
- Diagnosed and resolves issues with Typeform and Salesforce to maintain accurate organization contact data
- Implemented automated workflows in Salesforce and Typeform to streamline membership signups, enhancing internal efficiency

### Shipwreck Detection through the Undergraduate Research Opportunity Program

**Ann Arbor, MI**

*Intern*

Oct 2023-Apr 2024

- Consolidated bathymetry data into QGIS and exported visualizations in PNG/JPEG formats, enhancing data accessibility and presentation
- Designed and implemented a Python workflow to split large files and create bounding boxes around shipwrecks, optimizing analysis and training process

### Hudson Valley Credit Union

**Poughkeepsie, NY**

*Intern*

Jul 2023-Aug 2023

- Developed a program using decision trees and Pandas to predict Titanic survivors based on passenger traits (class, gender, age), enhancing skills in machine learning
- Conducted interviews across various positions to improve communication skills and gain insights into its financial operations

### Girls Who Code

**Poughkeepsie, NY**

*Student*

Jun 2023-Aug 2023

- Engineered websites to address healthcare inequities and food insecurity which was later presented to the cohort, raising awareness around the issue

## Leadership Experience

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### Kessler Student Advisory Board

**Poughkeepsie, NY**

*Co-Chair of Programming and Event Planning*

Sept 2023-Current

- Organized annual events with over 300 attendees to strengthen community relationships and express gratitude to scholarship donors

### Fresco Tortillas

**Poughkeepsie, NY**

*Manager*

May 2017-Dec 2023

- Negotiated and managed contracts with delivery services like Grubhub, resulting in a 15% increase in revenue

## Skills

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- **Technical Languages:** C++, Python, HTML, CSS, JS
  - **Operating Systems:** Linux, Windows

