

# Margaret Geling Lee

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## Education

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### University of Michigan - Ann Arbor

expected: April 2021

- B.S. Computer Science and minor in Geology
- Relevant Coursework: Introduction to Operating Systems, Foundations of Computer Science, Introduction to Computer Organization, Data Structures & Algorithms, Programming and Introductory Data Structures, Data-Oriented Programming
- GPA: 3.4/4.0

## Work Experience

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### Web Developer - University of Michigan

October 2019 - present

- Work collaboratively to maintain web applications using WordPress and Google Sites
- Accelerate PDF transfers for site migrations using Python and SQL
- Write student staff training manuals

## Personal Projects

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### Michigan Weather App in Java

September 2019

- Designed and developed a mobile application in Android Studio
- Used phone capabilities such as the light sensor, accelerometer, gyroscope and vibration motor to perform interactive actions

### Taylor Swift Lyrics Analysis in Python

August 2019

- Created a web scraper in python that stores the lyrics into a SQL database
- Represented the frequency analysis as an interactive word cloud with JavaScript

## Technical Skills

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- C/C++, Python, Java, JavaScript, SQL, PHP, Bootstrap, CSS, HTML, Git, Microsoft Office Products

## Involvement

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### Girls in Electrical Engineering and Computer Science (GEECS) – Member

January 2019 - present

- Participate in professional, academic and social events that increase female representation
- Promote the education and success of females in technology

### Botany Undergrads Doing Stuff (BUDS) - Treasurer

April 2018 - present

- Secure funding for botany related events
- Webmaster for club website