

Margaret Geling Lee

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Education

University of Michigan - Ann Arbor

expected: April 2021

- B.S. Computer Science and minor in Geology; 3.4 GPA
- Relevant Coursework: Software Engineering, Introduction to Computer Security, Introduction to Computer Organization, Data Structures & Algorithms

Experience

Software Engineer – Learning A-Z

January 2020 - present

- Collaborate with students to design and implement a full-stack, web-based educational game
- Generate online crossword puzzles to improve student vocabulary

Web Developer – University of Michigan

October 2019 - present

- Maintain web applications using WordPress and Google Sites
- Accelerate PDF transfers for site migrations using Python and SQL

Projects

Michigan Weather App in Java

September 2019

- Designed and developed a mobile application released in the Google Play Store
- Used phone capabilities such as the accelerometer and gyroscope 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

- C/C++, Python, SQL, PHP, AngularJS, Java, JavaScript, CSS, HTML, Git

Involvement

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