

LIZ GENTILE



egentile@umich.edu



734-476-2217



<https://www.linkedin.com/in/liz-gentile-790b4a59>

[HTTPS://LGENTILE06.GITHUB.IO/](https://lgentile06.github.io/)

PROGRAMMING LANGUAGES

Fluent in Java, Python, C++, HTML, JavaScript
Proficient in C, AngularJS, SQL, Swift

RELEVANT COURSEWORK

- Computer Organizations
- Software Engineering
- Computer Security
- Data Structures and Algorithms
- Web Databases and Information Systems
- Agent Based Modeling
- Artificial Intelligence
- User Interface Development
- Operations Modeling

EDUCATION

UNIVERSITY OF MICHIGAN

Bachelor of Science in Engineering, Computer Science

Awarded: May 2017

GPA: 3.135

Achievements: University Honors (2016 and 2014), Dean's List (2016)

WORK EXPERIENCE

GIRLS WHO CODE TEACHER FACEBOOK SUMMER IMMERSION PROGRAM

JUNE 2017 – PRESENT

- Coordinating instruction and facilitating an engaging and accessible classroom environment for diverse group of 20 high school girls
- Managing and analyzing students' progress and proficiency of hard and soft computer science skills
- Instructed on curriculum parallel to college level CS course involving topics in JS, robotics, python, algorithms, and object-oriented programming

SUMMER TECHNOLOGY ANALYST GOLDMAN SACHS

JUNE 2016 – AUGUST 2016

- Implemented a new web application now used firm wide by ~40,000 users
- Conceptualized and executed all mock-ups and frontend implementation to create a positive user experience
- Engineered connection to several back-end services both internally and outside the company
- Presented demonstrations of application uses to key stakeholders

GEECS STUDY GROUP LEADER U OF MICHIGAN DEPARTMENT OF COMPUTER SCIENCE

OCTOBER 2015 – JUNE 2016

- Headed weekly peer mentor study group for students in an introductory computer science course sponsored by Computing Cares

GIRLS WHO CODE TEACHING ASSISTANT IBM SUMMER IMMERSION PROGRAM

MAY 2015 – SEPTEMBER 2015

- Facilitated instructor in mentoring and directing an engaging learning environment for high-school girls
- Oversaw weekly office hours, acted as the on-site representative of GWC, and communicated directly with all engineering and management speakers

CLUB/VOLUNTEER EXPERIENCE

- Girls in Electrical Engineering and Computer Science Club Member
- Philanthropy Fundraising Leader for Kappa Kappa Gamma Sorority
- Reading is Fundamental Volunteer
- Breakfast Server at St. Andrews church