

EMILY WILSON

6 Pear Blossom Ct, St. Charles, MO 63303
(636) 485-5396 • emwilson@wustl.edu • wilsonem.github.io

EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS – McKELVEY SCHOOL OF ENGINEERING

B.S. in Computer Science, Minor in Psychology

(anticipated May 2020)

GPA: 3.80/4.00

COURSEWORK: Data Structures & Algorithms, Database Management, Object Oriented Programming, Video Game Development, Intro to Artificial Intelligence (FL19), Intro to Machine Learning (FL19), Mobile Apps (FL19)

AWARDS AND HONORS

- Outstanding Junior in CS

(2019)

- Dean's List

(Aug. 2016 – present)

LANGUAGES & SKILLS

* currently learning

PROGRAMMING LANGUAGES: Java, JavaScript, C/C++, PHP/Hack, *Python

WEB DEVELOPMENT: React, HTML, CSS, GraphQL, jQuery

DATABASES: MySQL, *MongoDB

OTHER: Unity with C#, Arduino Development, Google Firebase, Data Visualization with D3.js

EXPERIENCE

FACEBOOK – *Software Engineering Intern*

(May 2019 – Aug. 2019)

- Rebuilt the current Facebook Gaming site with React to provide a cleaner and faster web experience
- Communicated with 20+ engineers and designers through daily standups to update the team on progress
- Wrote documentation and walked engineers through a detailed guide over changes made during the internship

McKELVEY SCHOOL OF ENGINEERING – *Teaching Assistant*

(Jan. 2018 – present)

- Computer Science II (Head TA), Database Management Systems, Data Structures & Algorithms Seminar
- Manage 20+ teaching assistants, attend assigned class periods and office hours, and proctor and grade exams
- Assist students with material and the debugging process

GLOBALHACK – *GlobalHack Summer Camp Learning Assistant*

(May 2018 – Aug. 2018)

- Led classroom instruction in basic computer science concepts, HTML & CSS, JS, Scratch, & Python
- Managed a classroom of 20-30 students aged 10-13 years old

WASHINGTON UNIVERSITY ADMISSIONS OFFICE – *Undergraduate Intern*

(May 2017 – Aug. 2017)

- Gave campus tours, conducted interviews with prospective students, and co-presented at information sessions
- Researched data from peer institutions on college admission policies
- Collaborated with Admission Officers to schedule itineraries for high school visits around the country

PROJECTS

FHN SPECTRA WEBSITE – *personal project for a former teacher*

- An online library of all of the cinderblocks painted by former students, supports different sorting methods and authorized users can add new blocks through a form (HTML, CSS, JS, & Firebase)

ACTIVITIES & ORGANIZATIONS

GIRLS WHO CODE WASHU – *Co-Founder, President, and Facilitator*

(Apr. 2017 – present)

- Facilitate meetings for middle-school girls focused on fostering interest in CS through the national organization
- Organize meetings for 30+ facilitators and promote the group via campus and community events

WASHINGTON UNIVERSITY ADMISSIONS OFFICE – *Student Tour Leader*

(Nov. 2016 – present)

- Conduct tours of campus, answer visitors' questions, and stay up to date with campus news and events

DELTA GAMMA FRATERNITY – *Director of Alumnae Relations*

(Oct. 2017 – Jan. 2019)

- Attended weekly chapters, completed service hours, and planned events for 100+ people