

EMILY WILSON

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

EDUCATION

WASHINGTON UNIVERSITY IN ST. LOUIS

School of Engineering & Applied Science,
B.S. in Computer Science, Minor in Psychology (anticipated 2020)
Dean's List (August 2016 – present)
GPA: 3.77

EXPERIENCE

TEACHING ASSISTANT – SCHOOL OF ENGINEERING & APPLIED SCIENCE

CSE 131 – Computer Science I (August 2018 – Present)

CSE 132 – Computer Science II (January 2018 – May 2018)

- Assist students with learning about microcontrollers and handheld devices, digital and analog I/O, Java basics, and recursion
- Attend all assigned class periods, hold office hours, and answer questions through Piazza
- Responsible for grading student assignments and exams with other teaching assistants

GLOBALHACK

Learning Assistant – GlobalHack Summer Camp (May 2018 – August 2018)

- Aided with leading and planning classroom instruction over basic computer science languages and concepts, including HTML & CSS, JS, Scratch, and Python
- Managed a classroom of 20-30 students aged 10-13 years old

WASHINGTON UNIVERSITY UNDERGRADUATE ADMISSIONS OFFICE

Student Tour Guide (November 2016 – present)

Undergraduate Intern (May 2017 – August 2017)

- Worked closely with Admissions Officers at Washington University in St. Louis
- Gave tours of campus, conducted interviews with prospective students, and co-presented at campus information sessions
- Helped with office tasks and researched data regarding peer institutions

UNIVERSITY OF KENTUCKY – SPINAL CORD AND BRAIN INJURY RESEARCH CENTER

Visiting Scholar (July 2016)

- Prepared and organized laboratory materials and supplies
- Assisted research team with animal research procedures
- Attended weekly lab meetings

PROJECTS

FHN SPECTA WEBSITE

- Built using HTML, CSS, JavaScript, and Firebase – a 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

ACTIVITIES & ORGANIZATIONS

GIRLS WHO CODE WASHU

Co-Founder, Communications Chair, and Facilitator (April 2017 – present)

- Facilitate meetings for middle- and high-school girls focused on fostering interest in computer science through the national organization Girls Who Code
- Organize meetings for 30+ facilitators, maintain the Girls Who Code WashU website, and communicate plans through regular email correspondence

DELTA GAMMA FRATERNITY

Director of Alumnae Relations (October 2017 – present)

- Attend weekly chapter meetings and support campus events
- Complete 10 service and philanthropy hours each semester
- Communicate with local alumnae and plan events for 100+ current and former members

FRANCIS HOWELL NORTH SPEECH AND DEBATE TEAM

Executive Council Member (August 2014 – May 2016)

Francis Howell North Speech Invitational Student Chair (November 2015)

World Schools Debate National Qualifier (June 2015)

LANGUAGES

- Java
 - HTML5 & CSS
 - JavaScript
 - *C/C++ (with Arduino)
 - *PHP
 - *MySQL
 - *Python
 - *C# (with Unity)
- *currently learning

OTHER SKILLS

- Adobe InDesign
- Google Firebase
- Microsoft Office
- Google Drive

COURSEWORK

- Data Structures & Algorithms
- Logic & Discrete Mathematics
- Rapid Prototype Development & Creative Programming
- Object-Oriented Software Development Laboratory (FL18)
- Video Game Development (FL18)

LINKS

- Personal Website
wilsonem.github.io
- LinkedIn
[linkedin.com/in/em-wilson/](https://www.linkedin.com/in/em-wilson/)
- GitHub
github.com/wilsonem
- GWC WashU Website
gwcwashu.com
- FHN Spectra
wilsonem.github.io/spectra