# **EMILY WILSON**

# **EDUCATION**

## **WASHINGTON UNIVERSITY IN ST. LOUIS**

College of Engineering & Applied Science, B.S. in Computer Science (anticipated 2020) GPA: 3.77

## **EXPERIENCE**

### **GLOBALHACK**

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

Aid with leading and planning classroom instruction over basic computer science languages and concepts, including HTML & CSS, JS, Scratch, and Python

Manage a classroom of 20-30 students aged 10-13 years old

## **TEACHING ASSISTANT - SCHOOL OF ENGINEERING & APPLIED SCIENCE**

CSE 132 – Computer Science II (January 2017 – present)

Assist students with learning about microcontrollers and handheld devices, digital and analog I/O, information representation and machine language

Attend all assigned class periods, hold office hours, and answer questions through Piazza Responsible for grading student assignments and exams with other teaching assistants

### WASHINGTON UNIVERSITY UNDERGRADUATE ADMISSIONS OFFICE

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 Student Tour Guide (November 2016 – present)

## 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

## **NORTH STAR NEWSMAGAZINE**

Staff Reporter and Spread Designer (August 2015 – May 2016)

Wrote monthly news articles for award-winning newspaper

Interviewed sources for stories and designed page layouts and infographics

Consistently met deadlines and collaborated with newspaper staff

## **ACTIVITIES**

## **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
Maintain the Girls Who Code – WashU website and organize club meetings

## **DELTA GAMMA FRATERNITY**

Director of Alumnae Relations (October 2017 – present)

Attend weekly chapter meetings and support campus events

Complete service and philanthropy hours each semester

Communicate with local alumnae and plan events for current and previous 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)

# FRANCIS HOWELL NORTH VARISTY TENNIS

Team Captain (Fall 2015)

#### LANGUAGES

- Java
- HTML5 & CSS
- JavaScript
- C/C++ (with Arduino)
- \*PHP
- \*MySQL
- \*Pvthon
- \*React
- \*currently learning

## OTHER SKILLS

- · Adobe InDesign
- Microsoft Office
- Google Drive

#### **COURSEWORK**

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

### **HONORS**

- Dean's List (August 2016 present)
- National AP Scholar (2016)
- Varsity Tennis Leadership Award (2015)
- Gateway Athletic Conference Sportsmanship Award (2015)

#### **LINKS**

- Personal Website wilsonem.github.io
- LinkedIn linkedin.com/in/em-wilson/
- GitHub github.com/wilsonem