EMILY **WILSON**

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

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
- *Python
- *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