Kelsey Cole

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Education

University of Kentucky   Cumulative GPA: **3.54**

Computer Science, Master of Science (University Scholar)   Expected graduation: **May 2021**

- Concurrently pursuing my B.S. and M.S. through the University Scholars Program
- Will graduate May 2020 with Bachelor of Science
- T.W. Lewis Scholar, Honors Program, Engineering Scholars Research Program

Relevant Coursework

- CS 498 – Software Engineering
- CS 537 – Numerical Analysis
- CS 380 – Computer Organization
- CS 485 – iOS App Development

- CS 463 – Artificial Intelligence
- CS 585 – Requirements Engineering
- CS 315 – Introduction to Algorithms
- CS 450 – Programming Languages

Relevant Skills

- Git, Github, Azure Devops (for version control)
- Google Maps, Analytics API
- HTML5, CSS
- Javascript, JQuery, C++, C, Python, Swift

- Communicating technical concepts to nontechnical clients
- WordPress CMS, PHP
- Linux command line tools (vim, grep, etc)
- Visual Studio Code, XCode

Experience

- **Software Engineering Intern** – Computer Services Integrated – 3/2019 to present
  - Work as part of a Scrum team to deliver company projects, such as a location finder and a sitemap generator for use on clients' websites
  - Implement sites so clients (various banks) can edit their own content and maintain a professional, ADA compliant site (via Wordpress, PHP, JQuery, CSS)
- **National Science Foundation Research Assistant** – University of Kentucky – 5/2018 to 2/2019
  - Worked in a collaborative environment with UK Computer Science and Bioinformatics to produce bioinformatics software (written in C++)
  - Won first place at the 2018 annual Kentucky Academy of Science convention
- **Teaching Assistant** – University of Kentucky — 8/2018 to 12/2018
  - Guided students in a lab setting in an introductory Python class
  - Answered student questions, graded papers, resolved conflicts, etc.

Leadership and Community Involvement

- **President** (Previously Vice President of Finance) – Phi Sigma Rho Engineering Social Sorority
  - Restructured officer positions, created Diversity and Inclusion Chair
  - Provided officers and general members with academic, leadership, and emotional support
  - Helped organize a Women in Engineering panel with other engineering minority organizations on campus, such as ACMW, SWE, NSBE, etc.
  - Lead the creation of a scholarship to cover deposit costs for SWE conference for one member
- **Website Chair** – Institute for Electronics and Electrical Engineers (IEEE)
  - Responsible for maintaining website
  - Member of software team
- **Member –** Society of Women Engineers
  - Attended National Conference/ Spring Retreat Professional Development
  - Volunteer for career fair, tutoring elementary kids, GEMS day, etc.