

Sarah Darrow

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EDUCATION:

Mississippi State University, Starkville MS

Bachelor of Science, Computer Science, May 2019

GPA: 3.9/4.0

EXPERIENCE:

Researcher, Social, Therapeutic, and Robotic Systems Lab; April 2016 - Present

- Developing Therabot™: a robotic dog used for therapeutic treatment of PTSD patients
- Designing and implementing a network of sensors allowing Therabot™ to recognize and react to touch using machine learning classifiers

Software Engineering Intern, Google; May - August 2017

- Developed 2 internal tools for Google Flights to optimize configurations for fetching flight data and visualize results of existing tools
- Designed web clients, implemented RPC services, and read databases using Javascript, Python, and C++
- Volunteered for high school visits on 2 tours and 5 career panels, and worked as a Computer Science Summer Institute Teaching Assistant

Engineering Practicum Intern, Google; May - August 2016

- Wrote code for a new feature on Google+
- Tested written code thoroughly with unit and integration tests
- Created multiple versions of the UI of the feature for A/B testing

Tutor, Mississippi State University Learning Center; November 2016 – Present

- Help college students understand class material and complete programming assignments
- Tutor for Data Structures and Analysis of Algorithms, Web Development I, and Physics I

SKILLS:

- C++, C, Javascript, Python, HTML, CSS, PHP, MySQL
- GitHub: <https://github.com/SEDarrow/>

ACTIVITIES:

- ProjectCSGIRLS National Computer Science Education Nonprofit Team Director
- Association of Computing Machinery
- Society of Women Engineers
- FIRST, VEX, BEST, and SeaPerch robotics competition mentor and tournament volunteer
- Shackouls Honors College Presidential Scholar