Sydney Paul

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Education

Primary: B.S. Computer Science   **Clemson University**

Secondary: B.S. Mathematical Sciences   **Expected Graduation: May 2017**

GPA: 3.37/4.0

Experience

Student App Developer at Clemson University   **January 2016 - Present**

- Creation of iOS and Android mobile applications with a small team to improve accessibility and learning for students.

- Experimentation and development with Estimote Beacons to provide navigation instructions.

- Presentation of mobile app at AHEAD Conference, 2016 and implementation on Clemson University's campus.

- Interactions with technical and non-technical teams to ensure that design specifications and University guidelines are met.

Undergraduate Researcher at North Carolina State University   **May 2016 – August 2016**

- Extensive work with data wrangling and software development tools such as MySQL, Python, Node.js, and Git.

- Investigation of user search queries to draw conclusions about crowd documentation and software developer reference preferences.

- Collaboration with professors and students to encourage innovation and problem solving; particularly by participation in weekly scrum meetings.

Skills

Programming Languages: C, C++, Python, JavaScript, and Java. ◆ Project and code management using Git. ◆ Website creation with HTML and Bootstrap. ◆ Team semester-long software development project using Eclipse. ◆ Database design and management with MySQL and PHP. ◆ Statistical analysis using R. ◆ Android app development using Java and SQLite.◆ iOS app development using Swift. ◆ Numerical Analysis using MatLab.

Involvement

- College of Engineering and Sciences Student Advisory Board - President, 2016 – 2017
- Undergraduate Teaching Assistant, Intro to Computer Science & Mobile App Development
- Association for Computing Machinery – Women, Present
- Alpha Chi Omega Sorority- Recruitment Logistics Chair, 2015 & 2016
- Students Teach Academic Responsibility Presenter – 2015 - Present