Ahad Sagheer

syed.ahad.sagheer@gmail.com | 352-238-9410 | ahadsagheer.me | github.com/ssagheer532

Education

Purdue University | *West Lafayette, IN*   Fall 2015 - Fall 2018
- B.S. in Computer Science (Tracks: Security & Software Engineering)
- Certificate in Entrepreneurship
- Presidential and Harris Foundation Scholarship

Experience

Capital One | *Software Engineer Intern, Washington, D.C.*   Summer 2018
- Worked on a fast paced highly visible app which manages the retrieval of sensitive external files and transfers them to internal Capital One teams
- Used Django to set up database tables and implement backend REST APIs to manipulate data
- Cleaned messy legacy data and transferred it to an AWS EC2 Instance by developing Python applications

Harris Corporation | *Software Engineer Intern, Melbourne, FL*   Summer 2016 & Summer 2017
- Developed software which prevents attackers from sniffing packets of data
- Used C++ to intercept and modify network packets by using time-based scrambling
- Tested and debugged image processing software as well as libraries dealing with triangulation

CS 193 Instructor | *Purdue University, West Lafayette, IN*   Spring 2017 - Present
- Fully organize and lecture a freshman level core computer science class with 400 students
- Teach basic but crucial topics such as git, navigating the terminal, and text editors
- Tasked with hiring TA's, creating labs, lecturing, and releasing final grades

Help Room Manager | *Purdue University, West Lafayette, IN*   Spring 2016 - Present
- Responsible for hiring a team of tutors and organizing a hiring/vetting process
- Run a CS Help Room where other employees and I tutor CS classes in Java, C, C++, and Python
- Specific roles include conducting multiple round interviews and making hiring decisions

Undergraduate Student Board (USB) of Computer Science, *West Lafayette, IN*   Spring 2016 - Present
- Continuously communicate with corporate sponsors, job recruiters, and professors regarding planning tech talks and community events

Projects

PathFynder | *JavaScript*
- While following Scrum, our team created website where Purdue students can review classes, internships, dorms, and dining halls

Charity App | *IOS*
- A charity hub on iPhones where users can donate directly (or through ads), read about various charities, and vote on a charity to send money

Swollmate | *Android*
- Connects users with similar workout interests to find a workout buddy at Purdue

Music Mixer | *C++*
- Collaborated with a team of students to create a music playlist which effectively transitions from song to song naturally by analyzing each song's beats per minute

Technical Skills

Languages	Tools	Operating Systems
Java, C/C++, Python, MySQL, Swift, Angular, JavaScript	Git, Terminal, AWS, XCode, Android SDK, IntelliJ, PyCharm, Jenkins	Linux, Windows, Mac