Ahad Sagheer

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Education

Purdue University, West Lafayette, IN   May 2019
- Bachelor of Science in Computer Science & pursuing a minor in Mathematics
- Entrepreneurial Certificate
- Presidential and Harris Foundation Scholarship

Experience

Harris Corporation Internship (Software Engineer Intern)   Summer 2016 & Summer 2017
- Helped test and debug image processing software as well as libraries dealing with triangulation and reading image data
- Coded software which intercepts and modifies network packets in C++ which prevents attackers from sniffing packets of data
- Worked on a small but connected team and continuously worked on designing the UI while facing many challenges such as not being able know our target audience

CS 193 Lecturer   Spring 2017 - Present
- Fully organize and lecture a freshman level core computer science class with over 500 students
- Teach basic but crucial topics such as source control, navigating the terminal, and text editors
- Tasked with hiring TA's, creating labs, and releasing final grades

Help Room Manager   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   Spring 2016 - Present
- Joined during freshman year in an effort to make a lasting difference at Purdue's CS community
- 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 for the iPhone where users can donate directly (or through ads), read about various charities, and vote on a charity to send money

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

Color Blend (Raspberry Pi and Breadboard)
- Through various logic gates, switches, and LEDs users can combine, dim, and brighten colors

Swollmate (Android)
- Connects users with similar workout interests to find a workout buddy at Purdue

Technical Skills

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