

Ahad Sagheer

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Education

Purdue University, West Lafayette, IN

Fall 2015 - Fall 2018

- B.S. in Computer Science, Minor in Mathematics, Certificate in Entrepreneurship
- Presidential and Harris Foundation Scholarship

Experience

Capital One | *Software Engineer Intern*

Summer 2018 - Present

- Working on a fast paced highly visible app which retrieves sensitive external files and transfers them to internal Capital One teams
- Using the framework Django to set up database tables and implement backend APIs to manipulate data
- Cleaning messy legacy data and transferring it to an AWS EC2 Instance by developing Python applications

Harris Corporation | *Software Engineer Intern*

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*

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*

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

- 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

Java, C/C++, Python, MySQL, Swift,
Angular, JavaScript

Tools

Git, Terminal, XCode, Android SDK,
IntelliJ

Operating Systems

Linux, Windows, Mac