

Aqeel A. Phillips

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Education: Princeton University

Princeton, New Jersey
Graduation: June 2017
BA: Computer Science
GPA: 3.40

Experience

Work Experience

Google, Inc. – Software Engineering Intern Mountain View, California - Summer 2016

Worked towards improving the Android Play Store application and making it more accessible to those with poor quality network connections and/or devices. Independently analyzed the current performance of the application's image management, designed and defended changes, and finally implemented them. Worked primarily in Java.

Lower Merion Township - Finance Department Intern Ardmore, Pennsylvania - Summer 2015

Developed a framework for taxpayers to submit tax return data digitally, which the Township had previously lacked entirely. Worked primarily in Visual Basic and JavaScript. Gained experience in client interaction by telephone, mail, and in person.

First Financial of Baton Rouge, LLC – Summer Intern Baton Rouge, Louisiana – Summer 2013 & 2014

Directed the information technology aspect of the company for two summers and gained experience in computer maintenance and initialization. Assisted in filing claims made by victims of the 2010 Deepwater Horizon oil spill. Developed visual branding that the company continues to use today.

Leadership Experience

Princeton University Rock Ensemble – President January 2015-Present

Managing an economically independent student group of about 25 Princeton students.

Princeton Sports Analytics – Editor-in-Chief January 2015-January 2016

Critiquing student articles, partially managing the PSA blog, and writing analytical articles (primarily regarding the NBA).

Projects, Research, and Accomplishments

Heart Rate in Digital Life – Researcher February-May 2016

Leveraged the Android Wear platform to determine if and how common interactions with smartphones (e.g., reading email, playing a game, receiving an unexpected notification) have predictable short-term effects on heart rate. Technologies utilized: Android Development (Mobile and Wear). Advised by Dr. Alan Kaplan.

Abita – Front-end Engineer September 2015-January 2016

In a team of two, developed a mobile and web application that allowed users to engage in location-based scavenger hunts as well as providing events organizers a medium through which downloads could be made exclusive to attendees. Technologies utilized: Android Development, Google Maps, and Google Drive.

Verizon Innovative App Challenge Winner – Lead Software Engineer May 2013

Was one of 8 high school teams among over 400 nationwide to win with a design for "STEAMNet," a social network for potential collaborators and inventors to share bits of inspiration. Winners were handpicked by members of the MIT Media Lab and National Geographic, among others. Presented at the 2013 Global STEMx Conference and 2013 Technology Student Association in Orlando, Florida.

Languages

Java, C, Python,
JavaScript, HTML, CSS,
shell scripting

Skills

Android mobile development,
Android wearable development,
web development,
visual and sound design

Relevant Courses

Algorithms and Data Structures,
Programming Systems, Operating
Systems, Advanced Programming
Techniques, Reasoning About
Computation, Innovating Across
Technology and Marketplaces