

# Sumaiya Asif

SOFTWARE ENGINEER

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## Education

### University of Houston

B.S. IN COMPUTER SCIENCE AND MINOR IN MATHEMATICS

- Magna Cum Laude

Houston, TX

August 2014 - December 2017

## Work Experience

### CITI

SOFTWARE ENGINEERING INTERN

Irving, TX

Jun 2017 - Aug 2017

- Engineered load balancer information display onto Citi Automation Services (CAS) to ease management of VMs
- Improved code quality of CAS by implementing best practices and redesigning software to reduce cost
- Added loader visual to CAS site for multiple features that require time to load
- Added drill down view option for VMs and a pop over for quick information on selected VM
- Created API for drill down option and load balancer display
- Technologies used: Jira, Git, Jenkins, AngularJS, Semmle, BitBucket, Spring Tool Suite, SQL

### NASA

SOFTWARE ENGINEERING INTERN

Houston, TX

Aug 2016 - Dec 2016

- Refined a code coverage tool for the Orion spacecraft created by summer interns
- Developed a Python GUI that merges code coverage data with compatible files, using intelligent merging, from multiple tests based on certain metadata and displays the merged data in an HTML file
- Organized data files by automating an auto generated folder system

### CITI

SOFTWARE ENGINEERING INTERN

Irving, TX

Jun 2016 - Aug 2016

- Engineered a web application that will assist the testing integration team and application owners test their applications on several remote test machines, going through test cases to check to see how applications are working with already installed applications and on different operating systems.
- The technologies used were: ASP.NET, Visual Studio, Javascript, and Bash.

### NEXON

GAME DEVELOPER INTERN AT GLOBAL INTERNSHIP PROGRAM

Seoul, S.Korea & LA, U.S.A

Jan. 2013 - Feb. 2013

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Won the 2nd prize in final evaluation.

## Projects

### Dustr

DEVELOPER

Facebook Page

July 2017

- Mobile application that helps clean up your social media accounts and camera roll
- Working on a team of three people to develop an iOS application using Swift
- Responsible for API integration for several social media outlets

## Technologies

### DevFest Seoul by Google Developer Group Korea

PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, NETLIFY AND CLOUDFLARE>

Seoul, S.Korea

Nov. 2017

- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

### 6th CodeEngn (Reverse Engineering Conference)

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Seoul, S.Korea

Jul. 2012

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

## Honors & Awards

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2017	<b>1st place,</b> Google Games	<i>Austin, TX</i>
2014	<b>Scholarship Recipient,</b> Terry Foundation	<i>Texas</i>
2014	<b>Scholarship Recipient,</b> Houston Livestock Show And Rodeo	<i>Texas</i>