Sumaiya **Asif**

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Work Experience

Charles Schwab   *Austin, TX*
Software Engineer   *Jan 2018 - Present*

- Created a new responsive client-facing web application on Schwab.com with accessibility in mind
- Collaborated with service providers to harden services consumed by application for production environment
- Utilized natural language processing toolkit to address security concerns and minimize client risk
- Improved unit test code coverage of the web application from 40% to 95%
- Exercised CI/CD by maintaining a team VM and testing environments
- Developed internal tools to streamline Schwab developer onboarding process. Reduced setup time from a few weeks to two days and now a standard part of onboarding procedure
- Technologies used: Angular, Typescript, C#.NET, Jasmine, Atlassian Stack, Git

CITI   *Irving, TX*
Software Engineering Intern   *Jun 2017 - Aug 2017*

- Engineered load balancer information display onto Citi Automation Services (CAS) to ease management of VMs
- Created API for drill down option and load balancer display
- Technologies used: AngularJS, SQL, Git, Jenkins, Spring Tool Suite

NASA   *Houston, TX*
Software Engineering Intern   *Aug 2016 - Dec 2016*

- Worked with a team of interns on development of a code coverage tool used for the Orion spacecraft flight software
- 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
- Automated code coverage report file organization to simplify tool use

CITI   *Irving, TX*
Software Engineering Intern   *Jun 2016 - Aug 2016*

- Engineered a web application to assist the testing integration team and application owners test their applications on several remote test machines
- Automated unit test execution to ensure expected performance on multiple operating systems and platforms
- Technologies used: ASP.NET and Javascript

Education

University of Houston   *Houston, TX*
B.S. in Computer Science and Minor in Mathematics   *August 2014 - December 2017*

- Magna Cum Laude
- Introduction to Computer Science Teacher's Assistant
- Undergraduate Research Assistant for Computer Vision Technologies
- College Algebra Teacher's Assistant
- Computer Science Mentor

Technologies

Proficient   Angular, Typescript, Python
Familiar   C++, Java, C#, Machine Learning Concepts, TensorFlow

Honors & Awards

2018	**Software Development Fundamentals Certification**, Microsoft	*Austin, TX*
2017	**1st place**, Google Games	*Austin, TX*
2014	**Scholarship Recipient**, Terry Foundation	*Texas*
2014	**Scholarship Recipient**, Houston Livestock Show And Rodeo	*Texas*