

# Sumaiya Asif

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## Work Experience

### Charles Schwab

Austin, TX

SOFTWARE ENGINEER

Jan 2018 - Present

- Created a new single page client-facing web application on Schwab.com with accessibility in mind.
- Leading efforts to migrate our web application from a .NET Framework to .NET Core MVC application in order to best utilize Pivotal Cloud Foundry.
- Collaborated with service providers to harden REST 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 on-boarding process. Reduced setup time by 80% from a few weeks to two days and now a standard part of on-boarding procedure.
- Mentor other developers and interns by teaching coding standards and cultivating a collaborative culture.
- 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