

Awad Shahadat

U.S Citizen
Springfield, VA
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SKILLS

Programming Languages: C, C#, Python, Java, JavaScript, Dart, SQL; **Tools:** GIT, Linux, Docker; **Libraries:** JQuery, Flutter, REACT, Google Apps Script, Flask, ASP.NET Core, REST API; **Extras:** Agile, UI Design, MVC architecture, AWS Lambda;
Awards: Winner of RAMHACKS 2019 and HACKBI 2018 Hackathons

EDUCATION

George Mason University—Bachelor of Science in Computer Science
VP of Weather Club

Fairfax, VA
Aug. 2018 - May 2022

WORK EXPERIENCE

Claims Resolution Management Corporation— *Software Engineer Intern*

Falls Church, VA
Aug. 2020 - Present

- Creating an internal Help Desk application to improve efficiency and productivity of our I.T. department. Produced REST API with C#, ASP.NET Core, designed SQL relational database, deployed on IIS web server. Detail oriented UI with REACT js.

Data Machines Corp— *Software Engineer Intern*

Ashburn, VA
May 2020 - Aug. 2020

- Worked on both the Android and web application for biometric collection (NXGBCC) contract for the United States Army.
- Created API calls on Flask server in python, designed UI/UX using Flutter framework, optimized the Android application and I/O devices to **increase battery life by 23%**, among other features.
- Gained extensive experience with Docker, API design, UI design, MVC, web sockets, and Agile methodologies.

Claims Resolution Management Corporation— *Software Engineer Intern*

Falls Church, VA
June 2018 - May 2020

- Created an 'Employee Dashboard' web application that serves as a billing and time management solution.
 - Programmed with JavaScript, used Google Sheets as a database, along with FullCalendar API to view entries in a calendar format, as well as HTML & CSS with Bootstrap for the frontend.
 - Led to **100% decrease** in incorrect billing entries, intuitive UI received **95% satisfaction rating**.
- Developed an windows console application in C# to search for unencrypted SSNs on the computer and network drives. Used parallel looping to decrease the time to find and encrypt SSNs from **~3 hours to just 30 minutes**.
- Constructed python scripts to automate tasks for virtual machines in Red Hat's OvirtSDK.
- On a large .NET web application, upgraded 25 reports from Crystal Reports to MS Reporting Services with C#, and msSQL. Responsible for **~6000 lines of SQL**. Optimized queries to improve processing time by 40%. Wrote testing and QA documents for each report.

PERSONAL PROJECTS

Awad's Collectibles—*Owner*

June 2017 - Jan. 2019

- Generated **\$15,000 in total revenue**, managing full end to end sale of Dota 2 (video game) merchandise and collectibles. Created Google Sheets automation programs in JavaScript for tracking sales, revenue, and inventory.

Shell.Awad

April 2020

- Bash/Shell program created from scratch with C. Accepts a single line of command from the user, executes built in commands, runs user specified programs, supports multiple jobs with job handling, file redirection, and signal processing.

Where's The Corona

March 2020

- [WheresTheCorona.com](https://wheresTheCorona.com) Web Application to track **COVID-19** cases around the world in a visually pleasing way.
- Worked primarily on the UI/UX. Application developed in the Dart programming language with Flutter Web Framework. Utilized Google Maps JavaScript API to display data in a world map, and Google Analytics to track how users were using the app. One of the first COVID trackers to be released. Has more than **1000 users**.
- Took advantage of the website traffic to **raise over 2,000 pounds** of nonperishable goods for food banks. Featured on the front page of George Mason's website, and all over George Mason's social media.

Amazon Alexa Skills

June 2017 - January 2018

- Created three applications ("Skills") for Amazon's personal assistant 'Alexa'. All were deployed on AWS Lambda, developed with Python. Awarded Amazon Echo devices and swag from Amazon!
- **4000+ users**. Published on Amazon.com: Kelvin Klostet, Jester's Jokes, Is Steam Down.