

# Daniel Sabbagh

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Self-directed developer with a love for all things testing and automation. Looking for an opportunity to learn new software paradigms and to write good modular, testable code.

## Work Experience

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### Software Developer, OPIS by IHS Markit

April 2016 – Present

- Delivered multiple presentations to fellow developers on unit testing practice and methodology
- Progressively refactored and unit-tested a legacy front-end .NET Core/Aurelia application
- Built out CI/CD pipeline for several APIs, including SonarQube test coverage reporting
- Aided in the migration of the corporate IT infrastructure to AWS
- Frequently participated in code reviews
- Stood in for the Product Owner as needed, as part of an Agile Scrum Team

### Associate Software Engineer, designAmerica Inc.

July 2013 – March 2016

- Wrote shell scripts to automate development machine setup and product installations
- Improved the corporate testing strategy: introduced automated testing with Junit and Mockito
- Rewrote and maintained the client-internal company website using Bootstrap and jQuery
- Assisted clients with product support on client site

### Technical Intern, eritek Inc.

May 2012 – January 2013

- Developed a GUI in C++ to control high-speed infrared cameras and to record images
- Began development on an OpenCV-based application to perform image processing routines on data

## Skills Summary

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|-------------------------------|--|
| <b>Operating Systems:</b>     | Windows 7/10, Linux (Ubuntu, RHEL, CentOS), MacOS          |
| <b>Programming Languages:</b> | Java, C/C++, C#, JavaScript, bash                          |
| <b>Relevant Frameworks:</b>   | .NET Core, WebAPI, Aurelia, Karma/Jasmine, Node, Express   |
| <b>CI/CD Tooling:</b>         | gulp, npm, TeamCity, SonarQube, Postman                    |
| <b>IDEs/Debuggers:</b>        | Visual Studio/VSCode, Eclipse, GDB, Chrome Developer Tools |
| <b>Foreign Language:</b>      | Arabic (broken fluent)                                     |

## Relevant Projects

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### Personal Side Projects

- Rebuilt personal website using Aurelia and AWS (<https://github.com/dsab123/website>) **2018**
- Built personal website using Jekyll (<https://github.com/dsab123/danielsabbaghcom>) **2016**
- Developed web app to provide upcoming worship music to members ahead of Sunday Service ([www.playhymns.herokuapp.com](http://www.playhymns.herokuapp.com)) **2015**

### Operating Systems, University of Maryland

August – December 2012

- Implemented fundamental features such as multithreading, synchronization, virtual paging and resource scheduling policies to an OS with a simplified Linux-based kernel

## Education

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### University of Maryland, College Park 2009 – 2013

- B.S. in Computer Engineering
- University Honors Program