**Professional Summary:**

Software Engineer with experience in object-oriented programming, full-stack web development, and agile methodologies. Architecting solutions upon all major cloud computing services, including Amazon Web Services, Google Cloud Platform, and Microsoft Azure.

**Skills:**

***Proficient Languages:*** Java, C++, Python, HTML5/CSS3, JavaScript, SQL

***Conversational Languages:*** PHP, C/C#, Objective-C, Swift

***Tools:*** Eclipse, IntelliJ, Visual Studio, jQuery, Bootstrap, VSCode, Netbeans, Android Studio, Vim, Sublime, Django, Symfony, PHPUnit, Twilio, Amazon & Google API’s, Java Swing, NASA WorldWind

***Project Management Tools:*** JIRA, VSTS, TFS (Git Version Control), Jenkins

***Operating Systems:*** Linux (Redhat, Amazon’s Linux, Debian 9), Mac OS X, Windows (XP, 7, 8, 10)

**Professional Experience (Information about my side projects available upon request):**

***Software Engineer*** at [Northrop Grumman Corporation](https://www.northropgrumman.com/) (*Apr 2019 - Present*)

* Participate in project planning, sprint planning, daily standups, sprint reviews, and sprint retros
* Collaborate with government customers to translate requirements into working features/products
* Design graphical user interfaces using Java Swing
* Raise unit test coverage of source code above 60% 4 months ahead of schedule
* Generate software test data, perform test data analysis, and develop test documentation
* Leverage Jenkins to build, test, and deploy official releases of software products
* Document release notes for official software builds

***Software Developer*** at Nobletech Solutions Inc. (*Jan 2018 - Apr 2019*)

* Implement email system, authentication system, and introduce AJAX techniques
* Upgrade application from PHP 5.6 to 7.1 while maintaining passing unit tests
* Architect web application infrastructure on Microsoft Azure cloud platform
* Create visualization charts using the Google Charts JavaScript API

***Software Engineer*** at [Canvas Inc./Lojix](https://www.canvas-inc.com/) (*Oct 2016 - Jan 2018*)

* Write technical documentation and software process frameworks in an agile environment
* Teach interns how to build a website using a LAMP stack in one summer
* Create interactive financial graphs using the Google Charts JavaScript API

***Web Application Developer*** at [Simon Solutions](http://www.simonsolutions.com/) (*Jan 2014 - Oct 2016*)

* Implement the Scrum Agile software development method with a team of 4 developers
* Automate code deployment process using Amazon Web Services
* Collaborate with certified amazon engineer to reduce monthly operation costs by over $1,000

***Research Assistant*** at University of Houston, under Dr. Ioannis Pavlidis (*May 2013 - Aug 2013*)

* Manage a project funded by the National Science Foundation
* Design and create an iPhone application that controls an embedded system via bluetooth
* Design and create an embedded system module for the Arduino microcontroller

**Education/Certifications:**

* [Amazon Developer - Associate](https://www.certmetrics.com/amazon/public/badge.aspx?i=2&t=c&d=2018-09-05&ci=AWS00554803), Amazon (*Sept 2018*)
* [Amazon Solutions Architect - Associate](https://www.certmetrics.com/amazon/public/badge.aspx?i=1&t=c&d=2018-07-25&ci=AWS00554803), Amazon (*Jul 2018*)
* [Professional Scrum Master I](https://www.scrum.org/user/302778), Scrum.org (*Nov 2017*)
* M.S. Software Engineering; GPA 4.0 The University of Alabama in Huntsville (*In Progress*)
* B.S. Computer Science; Minor: Math, GPA 3.19, University of North Alabama (*May 2015*)