**Samuel M. Radford**

<https://srad1292.github.io/Portfolio/>

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**Knowledge**

* Proficient: Java, Working In A Unix Environment
* Familiar: Python, C, C++
* Database Design: MySQL, PHPMyAdmin
* Web Programming: HTML5, CSS, JavaScript, jQuery, Django

**Education**

**Bachelor of Science in Computer Science with a Minor in Mathematics, May 2015**

**Appalachian State University**

Graduated Magna Cum Laude with a GPA of 3.65 on a 4.0 scale

**Courses included:**

Software Engineering Design C/C++ Programming Client-Side Web Programming

Java Development Relational Database Theory Server-Side Web Programming

**Wake Tech Community College Web Development Boot Camp, Sept. 5 2017 – December 16 2017**

This sixteen week program covers web application development through the use of HTML5, CSS3,

JavaScript and jQuery, MySQL, and C#. The program includes the exams for the **HTML5 Application**

**Development Fundamentals** certification and the **Software Development Fundamentals** certification.

**Certifications**

* Microsoft Technology Associate: HTML5 Application Development Fundamentals
* Microsoft Technology Associate: Software Development Fundamentals

**Experience**

**Tutor, Fall 2012-Fall 2013**

* Tutored students on the material and lab work for the CS 2440 course at Appalachian State University.

**Projects**

* Resume/Portfolio Website to show off all projects: <https://srad1292.github.io/Portfolio/>
* Android application that can be used to store, manage, and track finances and spending habits
* Texas Hold’em web game using HTML, JavaScript, and CSS
* Y-86 machine that simulates how a machine reads and executes assembly language commands
* API project using TheMovieDB to sort and compare movies selected by the user
* Database design for a website for the Appalachian Ultimate Frisbee Club
* Worked through the Eloquent JavaScript textbook, the end of chapter exercises, and the projects
* Currently working on an Android application that can be used as a cookbook, meal planner, and shopping list