**Samuel M. Radford**

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

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**Knowledge**

* Languages: Java, Perl, Python
* Database Design: MongoDB, MySQL, sqlite
* Web Programming: HTML, CSS, JavaScript
* Frameworks/Libraries: Angular (2+), Ember.js, Express.js, JQuery
* Environments: Node.js, Unix

**Experience**

**Full-stack Web Developer at AT&T, April 2018 – May 2019**

* Used Perl, HTML CSS, JavaScript, and Ember.js to work on a project that brings many apis together to create different workflow systems used by AT&T employees to do their day to day work.

**Tutor, Fall 2012-Fall 2013**

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

**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

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

This sixteen-week program covers web application development by using HTML5, CSS3,

JavaScript, 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

**Projects**

* **In Progress:** a project planning system using Angular front end with Python back end
* **In Progress:** web app using Angular, Node.js, Express.js, and MongoDB to hit restful APIs for details on hobbies like anime and books, then to centralize personal ratings and watchlists for them.
* 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
* Android application that can be used as a cookbook, meal planner, and shopping list
* 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