

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