

SAMUEL M. RADFORD

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

2212 Shinnwyck Ct.

Raleigh, North Carolina 27604

Mobile: 919-780-9936

radfordsm2@gmail.com or smr1292@yahoo.com

KNOWLEDGE

- Languages: Java, Perl, Python
- Database Design: PostgreSQL, 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 SharkDreams, August 2019 – Current

- Worked on web-based portals for hospital and pharmaceutical services. Also worked on a system used to provide mobile and remote communication between doctors and their patients. Developed a couple of web apps that were used by the Indian government in their response to COVID-19. Working on a project that will incorporate virtual consultations, hospital services, COVID-19 services, and more as it grows. Currently have created a payment system in the application using Stripe. Worked closely with all types of roles, including architects, designers, dev ops, QA, and other developers to complete projects. Work was done using Angular, Node.js w/ Typescript, and PostgreSQL. Did some dev ops work with beanstalks in AWS. Also, some CI/CD with Jenkins.

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 Java/spring backend.
- **In Progress:** A D&D dice roller and character sheet using vanilla html/JavaScript/CSS and IndexedDB

- A 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.
- Angular frontend, Node.js backend, MongoDB stack to track and visualize statistics of my anime viewing history with the help of Chart.JS for graphs.
- 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