

Reggie Padgett

Full Stack Developer

Personal Info

Address
Temple Hills, MD

Phone
301-437-4950

E-mail
reggie.padgett2@gmail.com

Github
github.com/rjpadgett2

WWW
rjpadgett2.github.io

LinkedIn
linkedin.com/in/reginaldpadgett2/

Tools & Frameworks

MySQL

MongoDB

React

Bootstrap

Jquery

Jupyter Notebook

Node

Git

Languages

Java

JavaScript

Python

SQL

HTML/CSS

PHP

R

Leadership

2018
Region II Communications Chair,
National Society of Black Engineers

2018
Scrum Master, InfoSci Capstone
Project

2017
Region II Technical Outreach and
Community Help Chair

2016
Chapter President, Black Engineers
Society

Education

12.2018 **University of Maryland College Park, B.S. Information Science**

Experience

10.2017 - present **Department of Information Science, UMD**
Online Advising System, Web App

- Designing online Advising system that takes student info and keeps track of student classes and requirements
- Assisting in creating relational database using MySQL workbench as well as queries to add and retrieve data from tables
- Constructing back-end using PHP OOP Concepts to query database and process and analyze userinformation
- Implementing interactive front-end interface using Javascript, HTML, CSS, JQUERY, and Bootstrap
- Created compute and sql instance on Google Cloud to host app for testing purposes

05.2016 - 06.2018 **Maryland Fire and Rescue Institute**
IT Student

- In charge of ordering and installing replacement parts and supplies for hardware on campus
- In charge of repair and maintenance of all computers and printers in the building
- Responsible for maintaining a database of all hardware using SQL and Microsoft excel
- Installed operating system and application on WIndows and Linux devices

01.2018 - 05.2018 **Mapping Inequality DCIC**
Database construction and Data Cleaning

- Assisted in transcribing original documentation of housing redlining and creating visualizations and analyzations based on data
- Utilized the Pandas library and Jupyter notebook in python to clean over 30 data sets and form tables to organize data
- Constructed relational database's connecting five different document structures and designed queries to efficiently gather data between them

02.2018 - present **Department of Information Science, UMD**
Privacy by Design (PbD) Card Game , Web App

- Constructing web app that rewards or punishes team of developers, UX designers, and a Manager based on decisions they make building fictional app
- Designed front-end using React JS and JavaScript ES6 concepts and designed back-end using MongoDB and Node.JS
- Working with client to develop app iteratively using Agile methodologies

03.2018 **National Society of Black Engineers Hackathon**
Homey, Online Relocation App

- Won second place at NSBE44 hackathon out of 19 teams for Online Relocation Web Application
- Constructed map of region on front-end using ReactJS, AngularJS, and ArcJS to divide and rank neighborhoods based on input
- Used Node.js and Toronto Open Data in order to process crime rate, pollutants, etc in the Toronto area

03.2016 **National Society of Black Engineers hackathon**
SmartPlaylist, Music Analyzation App

- Created Java application that analyzes music and assigns dance moves based on song characteristics
- Developed methods to analyze songs and assigned them to dance moves based on levels of pitch, temp, etc.
- Utilized the EchoNest API to analyze songs and get characteristics