JAMES
PARK

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EDUCATION

BS in Computer Science | College of Engineering | Virginia Tech | May 2021 -GPA: 3.0

Core Courses

- CS 3114 (Data Structures & Algorithms)
- CS 3214 (Computer Systems)
- CS 2506 (Computer Organization II)
- CS 2505 (Computer Organization I)
- CS 2114 (Software Design & Data Structures)
- CS 2104 (Intro to Problem Solving)
- CS 1114 (Intro to Software Design)

EXPERIENCE

Resident Advisor | Virginia Tech

DEC. 2018 – PRESENT

- Collaborate with other peer leaders to encourage residents to practice self-discipline, self-governance, and a respect for individual rights and community standards.
- Act as a concerned, non-judgmental peer advisor, whose goal is to assist up to 41 residents in resolving concerns or problems.
- Serve as a student leader and apply critical thinking skills while handling arbitrary situations on duty.
- Maintain individual and group contact, having a thorough knowledge of campus resources, building rapport and connections with residents.

SKILLS

Programming Languages: Java, JavaScript, HTML/CSS, Python, C, MATLAB
Frameworks/Libraries: jQuery, Angular 6, Bootstrap, React, Hugo
Enterprise Applications: SharePoint, Microsoft Active Directory, Microsoft Office

PROJECTS

- **Residential Sociogram RESTful API,** React, Node.js, MongoDB

Created a RESTful API that handles a log residents containing information about their origin, involvement, and a general description. The database used for the back-end was MongoDB and ReactJS was used for the front-end to create a web-app that allows for CRUD operations on residents and organizes residents based upon their friend group and involvement.

- **Twitter Hashtag Sentiment Analyzer,** Python

Created a script that collects a specific number of tweets based off a hashtag/keyword and analyzes the sentiments of that topic. Provides the positive/negative/neutral sentiments as a percentage and displays it on a pie graph.

- **MATSTAT,** *HTML, CSS, JavaScript*

Designed a website using HTML/CSS for scorekeepers to keep track of the points scored during a wrestling match. Statistics for points scored per match are provided for users to identify trends and improve their wrestling game.

- **Music Survey,** *Java,*

Parsed data through a .xlxs file and inserted into various data structures , in which the data was analyzed and displayed on a GUI to show the popularity of different songs based on specific categories.