Parth Parikh

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BACHELOR OF SCIENCE IN COMPUTER SCIENCE | MAY 2022 | CUMULATIVE GPA: 3.44

JAMES MADISON UNIVERSITY, HARRISONBURG, VA

COURSE PROJECTS

MINI-ELF LOADER | JAMES MADISON UNIVERSITY | FEBRUARY 2020
· Reinforce the relationship between a compiled executable and standard C memory model
· Used Von Neumann Architecture
· Read a data file and load the program headers and the segments into a large virtual memory array
· Written in C programming

BOGGLE | JAMES MADISON UNIVERSITY | DECEMBER 2019
· Implemented Model View Control Flow
· Wrote the project in Java and used JSwing components to create a more interactive graphical user interface
· Reinforce Java fundamentals as well as complex topic, such as: Polymorphism and Inheritance

TECHNICAL SKILLS

· **Programming Languages**: Proficient in Java, HTML, and CSS; Familiar with C
· **Integrated Development Environment**: Eclipse
· **Terminal**: Putty and Bash

· **Agile Process**: SCRUM Methodology
· **Other tools**: WinSCP, Visual Studio Code, Visual Paradigm, GitHub, Junit

CERTIFICATIONS

· Microsoft Office Specialist Certification: Office Word, Office PowerPoint
· Microsoft Technology Certification: Programming using HTML and CSS
· Adobe Web Communication: Adobe Dreamweaver CS6

ACTIVITIES

Shenandoah Valley Migrant Education Program | Tutor | 2020 – present
· Tutor elementary students on a variety of subjects and develop their English proficiency

Minority Program Association | Member | 2020 – present
· Develop coding solutions with minorities tackling problems affecting underprivileged communities
· Educate local/ diverse communities through programming

Cyber Defense Club | Member | 2019 – present
· Discuss relevant issues relating to cyberattacks around the globe
· Participated in mock competitions

Forensics | Member | 2019 – present
· Retrieve data from damaged hard drives and work with the client on deciding what type of information is important