SHASHWATI SHRADHA

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github.com/Sha5hwati

EDUCATION

South Dakota School of Mines and Technology   Rapid City, SD
Bachelor's Degree: Computer Science, Applied and Computational Mathematics   [Double Major]
GPA: 3.95/4.0   Expected Graduation Date: December 2020

Relevant Courses: Data Structures & Algorithms, Database Management System, Parallel Computing, Programming Languages, Software Engineering, Data Analysis, Data Mining, Undergraduate Research

Honors: School of Mines Scholar, Math and Computer Science departmental Scholar, Microsoft ACM Programming Team Development Scholar, Tau Beta Pi Scholar, Dean's List

EXPERIENCES

Software Engineer Intern, Raven Industries Inc.   May 2018 – December 2018
- Added features and improvements to the CR12 field computers in an agile development cycle
- Developed an emulator for computer screen that improved development and testing time
- Added a user-interface for auxiliary controls to help control multiple devices on one screen

Teaching Assistant   January 2017 – May 2018
- Edited, debugged and graded C projects

PROJECTS

Personal Website   January 2019
- Developed a personal website using HTML/CSS/JavaScript to form an interactive portfolio

Letter Scramble Game   January 2019
- Developed a game using PyGame to unscramble letters and get the meaning of the resulting word

Login server   November 2018
- Developed a real-time login server using Go Language that shows a list of active users

Stockpile, Program Trader   March 2018
- Developed an application for trading stocks using real time stock data to maximize profit

COMPUTER SKILLS

Primary Programming Languages: C++, Java, C, Python   **OS:** Linux, Windows, Android
Web skills: HTML, CSS, JavaScript, PHP, JQuery
Familiar with QML, Scala, Bash, Go, SQL, R, OpenMP, CUDA, MPI
Tools: Git, MySQL, MS Visual Studio, VS Code, IntelliJ, JetBrains, Qt Creator

ACTIVITIES

- SDSM&T Programming Team: 2017 North Central NA Regional Contest   (28th out of 207 teams)
- Putnam Mathematical Competition Team   (Fall 2017)
- Honors @Mines EPICS Program   (Fall 2017)
- Tau Beta Pi Honor Society

LEADERSHIP

- Association of Computing Machinery Chapter (ACM)   (Secretary)
- Student Success Peer Mentor   August 2018 – present
- International Peer Mentor   May 2017 – present
- Mines Advantage Professional Development Certificate