

SHASHWATI SHRADHA

Rapid City, SD USA • shashwatishradha5@gmail.com • (605) 858-8382
linkedin.com/in/sha5hwati • sha5hwati.github.io • github.com/sha5hwati

EDUCATION

South Dakota School of Mines and Technology, Rapid City, SD

Expected Graduation Date: **December 2020**

B.S. in Computer Science and Applied & Computational Mathematics, Minor in Robotics

GPA: 3.96 / 4

Grace Hopper Celebration Scholar 2019

EXPERIENCES

Hewlett Packard Enterprise, *Cloud Engineering Intern*

May 2019 – Present

Fort Collins, CO

- Contributed to a *REST API* for a cloud service in *Go Language*
- Improved *unit test* coverage from 13% to 73% which helped detect bugs
- Used virtualization tools including *containers* to implement monitoring, logging, and tracing features

Raven Industries Inc., *Software Engineering Intern*

May 2018 – December 2018

Sioux Falls, SD

- Expanded sale opportunities by enhancing the UI using *QML* and *QtCreator*
- Developed an application using *C++* which reduced testing and development time
- Used testing and debugging procedures to improve features in an *agile development cycle*

South Dakota School of Mines and Technology, *Teaching Assistant*

January 2017 – May 2018

Rapid City, SD

- Supervised *C* programming and basic *Arduino* for CSC 170 labs consisting of 30 students
- Cleared doubts and difficulties in topics done in class during office hours

PROJECTS

Undergraduate Researcher, *South Dakota School of Mines and Technology*

January 2019 – Present

- Researching methods to improve interpretability and training time of machine learning models
- Developing algorithms using *Python* in *Linux* environment
- Won the *Best Overall Undergraduate Presentation* at the SDSM&T 10th Annual Student Research Symposium

SKILLS

Primary Programming Languages: C++, Go, Java, Python

Familiar with C, QML, Scala, Bash, SQL, R, CUDA

Web Technologies: HTML, CSS, JavaScript, PHP

Tools: Git, MySQL, Docker, Android, Kubernetes