

Shlok Gondalia

- Fort Collins, CO 80521 • (970) 481-3790 • shlok@rams.colostate.edu •
- www.linkedin.com/in/shlok-gondalia • www.shlokgondalia.me

KEY SKILLS

- Strong communication and collaborative skills
- Good at productive collaboration, establishing a productive working relationship, and conflict resolutions
- **Programming Languages:** JAVA, Python, C, C++, HTML, CSS, C#, SQL, JavaScript, React, Bash Script, and R
- **Tools:** Slack, GitHub, Code Climate, ZenHub, TravisCI, JUnit, Jest, Maven, Node Package Manager (NPM), WebPack, JSON Schemas, Concurrency, IntelliJ IDEA, PyCharm, and CLion
- Knowledge of good industry practices through my jobs/experience and CS classes.
- Solid understanding of Data Structures concept and algorithmic skills
- Strong leadership skills by competing and representing school projects at the district, state, and national level

EDUCATION

Bachelor of Science in Computer Science

Anticipated May 2022

Minor, Mathematics

GPA: 4.0

CSU Honors Student

Colorado State University (CSU), Fort Collins, CO

EXPERIENCE

CYBERSECURITY INTERN, Cybersecurity Center | CSU

MAY 2020 – PRESENT

- Work with Fort Collins Energy Department to find premises which show suspicious behavior
- Use LSTM autoencoder tool to analyze data for anomaly detection
- Use plots & diagrams, along with domain expert to verify the anomalies detected
- Write **Python** scripts & **SQL** Queries to get the desired result from the analyzed data

TEACHING ASSISTANT, Computer Science | CSU

JANUARY 2020 – PRESENT

- Assist CS 270 (Computer Organization Class) students with projects and lab activities
- Work on grading servers so that there are no issues at the time of assignment grading
- Help students during office hours with difficult topics
- Teach one to two labs a week consisting of 20 students

COMPUTER ASSISTANT, HONORS DEPT. | CSU

SEPTEMBER 2019 – PRESENT

- Assist IT support in the Honors department
- Contribute to maintaining websites, creating/updating interactive websites, and general IT support
- Communicate with Honors faculty for new features
- Duties include providing and assisting honors resources to faculties and students

RESEARCH ASSISTANT, Computer Science | CSU

AUGUST 2019 - PRESENT

- Inspect the quality of data through our tool from five to six organizations to find anomalies
- Upgrade **Python** code for the better efficiency of the tool
- Develop a tool which can find faults in data accurately without consulting the client
- One of the four authors for the paper published at the IEEE Big Data 2020 conference

PROJECTS

TRIP PLANNER

- Created a single page, mobile application, and microservices similar to Google Map where users can plan a trip.
- Semester-long project in a team-based Agile software development environment
- Did Project Management, Scrum, Clean Code, Test Driven Development, Unit / Coverage Testing, Inspections, Configuration Management, and Continuous Integration
- Used Restful APIS, ReactJS, ReactStrap, Leaflet, JavaScript, JSON, JSON Schemas, SVG, KML, SQL, Concurrency, Slack, GitHub, ZenHub, TravisCI, Code Climate, JUnit, Jest, Maven, NPM, WebPack, and IntelliJ IDEA.

ACADEMIC ACHIEVEMENTS

❖ College of Natural Science Dean's List

- Achieved a place in Dean's List for Fall 2018, Spring 2019, Fall 2019 & Spring 2020 semesters

❖ Award

- **Grace Hopper Conference 2020 Scholar**
- Awarded **JAMES SITES & ELAINE REGELSON UG RESEARCH SCHOLARSHIP** in CS for two consecutive years

COMMUNITY INVOLVEMENT

ACM (Association of Computing Machinery) Club

AUGUST 2018-PRESENT

- Currently an active member of ACM

Volunteer in Indian Military

2014

- Built discipline, behavior, and social skill by serving as NCC (NATIONAL CADET CORPS) Candidate for one year

**To know more about the courses I have taken, either ask me and I would be happy to talk or visit my website given above*