Shlok Gondalia

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

KEY SKILLS

- **Languages: JAVA**, **Python**, **C++**, **C**, **JavaScript**, **ReactJS**, **HTML**, **CSS**, **SASS**, **C#**, **SQL**, **Bash Script**, and **R**
- **Technologies: Linux**, **macOS**, **Windows**, **React**, **Bootstrap**, **Node.js**, **Jest**, **Maven**, **JUnit**, **Webpack,** and **Docker/Container**
- **Tools: GitHub**, **Git**, **NPM**, **Travis CI**, **Code Climate**, **ZenHub**, **Slack**, and **MS Teams**
- Strong communication and collaborative skills
- Good at productive collaboration, establishing a productive working relationship, and conflict resolutions
- Knowledge of acceptable industry practices through my jobs/experience and CS classes
- Solid understanding of Data Structures concept and algorithmic skills
- Strong leadership skills through various projects

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

SECURITY ENGINEER INTERN, AMAZON — MAY 2021 – AUG 2021

- Created **ML Model** focused on security which takes different features into account to detect clusters
- Helped to reduce the overall risk with the ML Model by detecting clusters **99%** of the time
- The initial pilot projected the cost savings of **$270k/month** for the application team
- Convinced the application team to productionalize the model later this year or next year

WEB DEVELOPER, HONORS DEPT. | CSU — SEPT 2019 – PRESENT

- Maintain and update the website
- Maintain various online services that are daily used by over 1700 students, faculty & staff
- The frontend uses MojoPortal and Bootstrap
- The backend uses .NET and MS SQL Server

RESEARCH ASSISTANT, Computer Science | CSU — AUG 2019 - PRESENT

- Inspect the quality of data through our tool from five to six organizations to find anomalies
- Upgrade **Python** code to improve the efficiency of the tool
- Work on the tool that 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

CYBERSECURITY INTERN, Cybersecurity Center | CSU — MAY 2020 – MAY 2021

- Work with Fort Collins Energy Department to find premises that 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 (CS314 - Software Engineering), Computer Science | CSU — JAN 2021 – MAY 2021

- Attain students team meetings to help with their daily scrum
- Refine some course content to make it more accessible to students

TEACHING ASSISTANT (CS270 – Computer Organization), Computer Science | CSU — JAN 2020 – DEC 2020

- Worked on grading servers so that there are no issues
- Taught one to two labs a week consisting of 20 students

PROJECTS

PERSONAL WEBSITE

- Recreated my old website in ReactJS
- Made website faster and smaller through conditional rendering
- Used **ReactStrap**, **CSS**, **GitHub**, **Node.js** & **NPM**

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
- Visit my **website** to learn more about this project

AWARDS

- ❖ College of Natural Science Dean's List (x6)
- ❖ Grace Hopper Conference Scholar (2020, 2021)
- ❖ James Site & Elaine Regelson UG Research Scholarship (x2)

ORGANIZATIONS

ACM (Association of Computing Machinery) Club — AUG 2018 – PRESENT

- Currently an active member of ACM

**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*