Shlok Gondalia

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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**, and **Webpack**
- **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

TEACHING ASSISTANT (CS314 - Software Engineering), Computer Science | CSU   JAN 2021 – PRESENT
- Make code tutorials for students on CodePen
- Attain students team meetings to help with their daily scrum
- Helped students during office hours with difficult topics
- Refine some course content to make it more accessible to students

CYBERSECURITY INTERN, Cybersecurity Center | CSU   MAY 2020 – PRESENT
- 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

COMPUTER ASSISTANT, HONORS DEPT. | CSU   SEPT 2019 – PRESENT
- Maintaining and updating the website
- Maintaining 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

TEACHING ASSISTANT (CS270 – Computer Organization), Computer Science | CSU   JAN 2020 – DEC 2020
- Assisted students with projects and lab activities
- Worked on grading servers so that there are no issues
- Taught one to two labs a week consisting of 20 students
- Helped students during office hours with difficult topics

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 (x5)   ❖ James Site & Elaine Regelson UG Research Scholarship (x2)
- ❖ Grace Hopper Conference Scholar (2020)

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