

## 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

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### 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

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### 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
- Help 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

#### 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

#### 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

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### 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

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### AWARDS

- ❖ College of Natural Science Dean's List (x5)
- ❖ Grace Hopper Conference Scholar (2020)

- ❖ James Site & Elaine Regelson UG Research Scholarship (x2)

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### 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*