# REIS HALEEM

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## SKILLS

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|---|---|
| **Technologies** | Java, Python, React, Spring Boot, Bootstrap |
| **Tools** | Agile, Git |
| **Other** | Team Building, Communication, Leadership |

## EDUCATION

**Bachelor of Science, Computer Science**                    **Aug 2016 to Dec 2020**
*Ohio State University*                    *Cumulative GPA: 3.35, CS GPA: 3.47*
Coursework: Web Apps, Data Structures and Algorithms, Principles of Programming Languages, Software Design, Mobile Apps

## EXPERIENCE

**Software Engineer Intern**                    **Jun 2020 to Dec 2020**
*Target*
- Worked on a multitude of projects within Supply Chain using full-stack technologies.
- Improved team response time during peak season by creating a React Typescript application that monitored 35 distributed instances of Docker Apps across Distribution Centers. Gained experience using Axios, Storybook, and Atomic Design.
- Eased data analysis for Target's Data Science teams by creating an endpoint with Spring Boot that queried the database with Request parameters and met a client defined canonical to present the data. Tested with the Spock Framework and Groovy.
- Worked in an Agile Scrum environment using Jira and Confluence.

**Functional Analyst Intern**                    **Jan 2020 to Apr 2020**
*Eaton Corporation*
- Led 22 teams of 4-6 members around the world to complete Pre-Implementation Assessments for manufacturing plants upgrading to the Thingworx Industry 4.0 Platform. Discovered risks at sites and reorganized project schedule to create reasonable deadlines.
- Worked amid COVID-19 constraints to ensure high productivity and accountability.
- Gained exposure to Microsoft PowerApps.

**Computer Science Undergraduate Teaching Assistant**                    **May 2017 to present**
*Ohio State University*
- Worked with Computer Science faculty in classes of 35-40 students and graded homework and projects efficiently and fairly.
- Helped teach concepts including recursion, using structures such as Maps and Queues, solving problems with BSTs, Heaps, and Linked Lists, and using Hashtables.
- Hosted after class office hours to meet with students one-on-one and tailor concepts to their learning styles and understanding.

## PROJECTS

**The Exceptional Outliner**
*https://github.com/reishaleem/exceptional-wiki-front-end*
- Created an application that allows users to make wiki-styled pages and link them together.
- Worked with React, Spring Boot, and MongoDB. Used react-router for routing and Bootstrap/Material-UI for styling.
- Implemented security with JwT and Spring Security. Added a Rich Text Editor and integrated a fully functional TODO list for adding/deleting tasks, pinning tasks, and setting tasks as complete.
- Used react-js-pagination to add Pagination and moment.js for catgorizing TODO list items and displaying created and modified times for several models.

**The Generator**
*https://github.com/reishaleem/generator*
- Created a simple random name generator that generates names based on a given alphabet.
- Worked in Python to implement an algorithm with the random library. Calculated a probability matrix for bigrams based on a list of given names to ensure reasonable sounding names. Added a feedback method so the program can learn to do better with each name it generates.

**Picture Rater (Hack OHI/O 2019)**
*https://github.com/deanhaleem/hack-ohio-2019*
- Participated in an annual hackathon with a team of 4 and created an app that lets users upload images and judges which images will get the most likes on social media. Placed 3rd among 15 teams using Azure Cognitive Services in the Microsoft Challenge and scored a 38 for the entire Hackathon, 5 above the average score.
- Worked with Flask, Azure API, Reddit Api, and OpenCV.

**OSU Book Exchange**

- Worked with Ruby on Rails to create a RESTful book exchange web app, with CRUD operations on users who could create listings for books.
- Used Ruby, Rails, Bootstrap, and several Gems, including CarrierWave, BCrpyt, and Sunpspot Solr for searching/filtering.
- Led a team of 4 members in a pseudo-Agile environment, delegating tasks and ensuring timely completion.