

# REIS HALEEM

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## SKILLS

**Technologies** Java, React, Spring Boot, Express, Python, Bootstrap

**Tools** Agile, Git

## 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, 3D-Outbound**

**Jun 2020 to present**

*Target*

- Work on a multitude of projects within Supply Chain using full-stack technologies. Team works in a Scrum environment using Jira and Confluence.
- 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.

**Functional Analyst Intern, Production and Operations**

**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 Industry 4.0 using the Thingworx Platform.
- Discovered risks at sites and optimized project schedule to maximize project deadlines being met for the year.
- Adapted amid COVID-19 constraints to continue work with high productivity and accountability.
- Assisted in migration of Assessment from Excel to Microsoft PowerApps.

**Computer Science Undergraduate Teaching Assistant**

**May 2017 to present**

*Ohio State University*

- Work with Computer Science faculty in classes of 35–40 students and grade homework and projects.
- Help teach concepts including recursion, using structures such as Stacks and Queues, solving problems with BSTs, Heaps, and Linked Lists, and using Hashtables.
- Host after-class office hours to meet with students one-on-one and tailor concepts to their learning styles and understanding.

## ACCOMPLISHMENTS

**3rd Place, Microsoft Challenge (Hack OHI/O 2019)**

<https://github.com/deanhaleem/hack-ohio-2019>

- Placed 3rd among 15 teams using Azure Cognitive Services at an annual Hackathon and scored 38 for the entire Hackathon, 5 points above the average score.
- Worked with Flask, Azure API, Reddit API, and OpenCV to create an app that lets users upload images and judges which images will get the most likes on social media. Competed in a group of 4.

## PROJECTS

**The Exceptional Outliner**

**September 2020**

<https://github.com/reishaleem/exceptional-outliner>

- Created an application that allows users to make wiki-styled pages and link them together. Deployed on AWS EC2 instance.
- Worked with MongoDB, Express, React, and Node.js (MERN). Used react-router for routing and Bootstrap/Material-UI for styling.
- Implemented authentication/authorization with JWT. 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 categorizing TODO list items and displaying created and modified times for several models.

**The Generator**

**September 2020**

<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 that calculates a probability matrix for bigrams based on a list of given names to generate more reasonable names. Added a feedback method so the program can learn to do better with each name it generates.

**OSU Book Exchange**

**October to December 2018**

- Worked with Ruby on Rails to create a RESTful web app, with CRUD operations on users who could create listings for books.
- Used Ruby, Rails, Bootstrap, and several Gems, including CarrierWave for file uploading, BCrypt for security, and Sunspot Solr for searching/filtering.
- Led a team of 4 members in a pseudo-Agile environment, delegating tasks and ensuring deadlines were met.