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
— Worked in a Scrum environment 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.
— Streamlined 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 schedules to maximize project deadlines being met for the year. Documented the entire process for future Analysts to shorten onboarding to less than a week.
— Adapted to COVID-19 constraints to continue work with high productivity and accountability.
— Overhauled Assessment with a team of 3 by cutting out redundant questions, clarifying instructions, and moving from Excel to Microsoft PowerApps. Advised on testing instructions and choosing use cases for thorough beta testing with future end users.

Computer Science Undergraduate Teaching Assistant   **May 2017 to present**
Ohio State University
— Taught with Computer Science faculty in classes of 35–40 students and graded homework and projects.
— Explained concepts including recursion, using structures such as Stacks 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.

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 Hackatahon, 5 points above the average score.
— Built an app that lets users upload images and judges which images will get the most likes on social media using Flask, Azure API, Reddit API, and OpenCV. Competed in a group of 4.

PROJECTS

The Exceptional Outliner   **September 2020**
— Created an application that allows users to make wiki-styled pages and link them together using MongoDB, Express, React, and Node.js (MERN). Styled with Bootstrap/Material UI and deployed on an AWS EC2 instance.
— 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**
— Developed a simple random name generator that generates names based on a given alphabet using Python.
— Incorporated 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.