

REIS HALEEM

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SKILLS

Technologies Java, React, Express, Typescript, Material-UI, Spring Boot, MongoDB, SQL, GraphQL, REST

Tools Agile, Git

EDUCATION

Bachelor of Science, Computer Science

Aug 2016 to Dec 2020

Ohio State University

Cumulative GPA: 3.41, CS GPA: 3.51

Coursework: Web Apps, Data Structures and Algorithms, Principles of Programming Languages, Software Design, Mobile Apps

EXPERIENCE

Software Engineer Intern, 3D-Outbound

Jun 2020 to Dec 2020

Target

- Worked in a Scrum team on a multitude of projects within Supply Chain using full-stack technologies.
- Took the lead migrating a legacy PowerBuilder application to be deployed in Target DCs. Decompiled and analyzed PowerBuilder source code, created 9 user stories, met with DC Operators who would be using the app to discuss new features and removing unneeded features, and pair programmed with different team members.
- Developed with React, Typescript, and Storybook using the Atomic Design Pattern on the frontend, while using Spring Boot, Java, Kotlin, and SQL Databases to convert stored procedures into queries and write APIs on the backend.
- Tested both ends using Jest/react-testing-library, Spock (groovy), JUnit, and MockK.

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 Dec 2020

Ohio State University

- Taught with Computer Science faculty in classes of 35-40 students and graded homework and projects.
- 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 Hackathon, 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

Magic System Builder

December 2020

- Created an application that allows users to make wiki-styled pages detailing their Magic Systems, with pre-made outlines and note-taking functionality to stimulate ideas.
- Developed with MongoDB, Express, React, and Node.js (MERN) using Typescript. Key tools include JwT for authorization and refresh tokens, Apollo Client and express-graphql for the GraphQL API, TinyMCE for a rich text editor, and Formik for simplifying forms.
- Deployed the app on an AWS EC2 instance.

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.

AFFORDABLE - Senior Capstone Project

August to December 2020

- Worked in a team of 4, using MySQL, Express, React, and Node to continue a legacy project that streamlines the process of applying for financial aid from organizations.
- Developed across the full stack and integrated the Stripe API and Stripe Connect for money and transaction related tasks.
- Deployed to AWS EC2