

HASAN NASEER

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY— Atlanta, Georgia

DEC 2021

BACHELOR OF SCIENCE, COMPUTER SCIENCE, GPA: 3.45

Dean's List: Spring 2020, Fall 2020

PROFESSIONAL EXPERIENCE

DATABASE SYSTEMS, TEACHING ASSISTANT @GEORGIA TECH

MAY 2020 – PRESENT

- Tech Stack: Relational (SQL DBMS), DDL, Relational Schema, EER SQL Diagrams, Front-end applications
- Enrolls 450+ students and covers relational database design, front-end technologies, and SQL nested queries

NORFOLK SOUTHERN CORPORATION, SOFTWARE ENGINEERING INTERNSHIP

SEPT 2019 – DEC 2019

- Tech Stack: Java, Angular JS, JavaScript, SQL DBMS, Splunk, Git, TIBCO, UNIX SHELL
- Build pieces of frontend web-applications in Angular JS framework that spanned thousands of lines of code
- Fixed web-application bugs in Java and scraped various train schedules in DB2 SQL with the help of Git

MATH 'N' KIDS, WEB DEVELOPMENT TEACHING ASSISTANT

MAY 2019 – AUG 2019

- Taught high school/middle school students' basics of HTML/CSS/JS frontend of the web application
- Structured a basic layout of the website on the whiteboard and taught students about the UI material design

SKILLS

- **Languages:** Java, Python3, SQL, Dart, Angular JS, C, React.js, Go, HTML/CSS, JavaScript
- **Technologies:** Android Studio, UNIX, Git, XCode, Node JS, TIBCO, Adobe XD, Flutter, MongoDB

PROJECTS

CHRONIC APP, REACT NATIVE & MONGODB

JAN 2021 – PRESENT

- Tech Stack: React.js, MongoDB, React Bootstrap, Adobe XD
- Partnered in a team of 6 collaborative students and worked on the full stack of the webpage including design
- Used MongoDB for user saved data progress and built front-end components using react bootstrap libraries

AI PACMAN 3D GAME, PYTHON3

OCT 2020

- Used Heuristic search, Q-learning algorithms executed with Alpha/Beta pruning for optimized time complexity
- Multi-threaded project which runs on UNIX commands, and built using PyOpenGL framework

LANGUAGE SKILLS APP, ANDROID STUDIO

JAN 2020

- App contains three level questions to practice, Arabic language, Math problems and programming questions
- Google's firebase on the login/signup screen to track data of users and keep on upgrading the app every week

RECOGNITION AND INVOLVEMENT ACTIVITIES

NRF SCHOLAR, NRF STUDENT PROGRAM (NEW YORK)

JAN 2020 - PRESENT

- A tech and business conference in New York where big retail company's CEO's presented ideas of growth

RED HAT US DEV CONF. SCHOLAR, BOSTON UNIVERSITY

AUG 2019

- Attended Dev Conference US with a team of 11 undergrad student scholars selected from all around America
- Managed to share my open-source GitHub projects with other teams and held open-source tech conferences