

Himanshu Reddy

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2024

Bachelor of Science, Computer Science

GPA: 4.0

Relevant Coursework: Data Structures, Computer Architecture, Bioinformatics

SKILLS

Technical/Computer Skills:

- Proficient In: JavaScript, React, React Native, Express, Java
- Exposure To: TypeScript, GraphQL, MongoDB, Python, HTML, CSS, C/C++, Bash Scripting, Figma

WORK EXPERIENCE

Nutiliti, Austin, TX

May 2021 - August 2021

Full-Stack Software Engineering Intern

- Used the existing codebase for the company's iOS app, written in React Native, to create an Android version to expand the total addressable market of Nutiliti's services.
- Implemented new features for the mobile and web app front ends as needed, such as adding a survey page to the end of the mobile app sign-up flow.
- Used the Mailchimp API to automatically add new users to the mailing list.
- Connected web app survey to Nutiliti's MongoDB database to log survey answers.
- Built mockups in Figma to prototype proposed features for the web and mobile applications.
- Designed a new sign-up flow in Figma for a potential new demographic of app users.
- Skills used: JavaScript & TypeScript, React, React Native, Express, GraphQL, MongoDB, Figma

Austin Convention Center, Austin, TX

June 2019 - August 2019

IT Intern

- Created a prototype web application that could keep track of locked and unlocked doors and could display that information on a web portal.
- Surveyed the tasks done within the IT department, such as software development and handling support tickets.
- Skills used: JavaScript, React, Express

RESEARCH EXPERIENCE

Functional Genomics Research Stream, Austin, TX

June 2018 - August 2018

Research Assistant

- Prepared yeast cell samples for use in experiments to better understand the function of histones.
- Presented scientific articles to expand the general knowledge of the research team.
- Designed a JavaScript function that reformatted invalid input.
- Skills used: Micro Pipetting, Gel Electrophoresis, PCR, JavaScript

NOTABLE PROJECTS

- **Plant Waterer:** Built an automated plant watering system with a raspberry pi and various hardware components to read sensor values, water the plant, and route information to a webpage built with React and Material-UI.
- **Stock Dashboard:** Created a stock dashboard using React and Recharts to graph and display stock data for inputted ticker symbols.
- **Euler Method Grapher:** Developed a JavaScript-based tool to display an approximation of a differential equation using Euler's Method and the solution to the differential equation.