

Besmelh Alshaalan

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EDUCATION

University of Rochester

Rochester, NY

Bachelor of Science in Computer Science | Minor in Digital Media Studies

Anticipated May 2023

- GPA: 3.54; Relevant courses: Intro to A.I., Intro to HCI, Computational Statistics, Data Structures & Algorithms, Linear Algebra, Calculus, AI/VR Interaction Design, Mobile App Development (iOS)

Awards: KAUST Gifted Student's Program (KGSP) Scholarship

EXPERIENCE

Media Tech Intern, NBCUniversal, Los Angeles, CA

June 2022 – Aug 2022

- Assist in enhancement requests, quality assurance testing, user acceptance testing, and rollout of features.
- Migrate an Excel sheet to an Airtable base, to make it more maintainable, and generate analytics easily.
- Create data analytic dashboards.
- Developed a program to generate unique Microsoft Office forms, to help verify information from business stakeholders.
- Collaborate with business analysts and business stakeholders on analysis and requirements.
- Worked with a team of 9 interns, to design an internal informational platform using SharePoint and Airtable.

Teaching Assistant, University of Rochester, Rochester, NY

Aug 2021 – Dec 2021

- Grade assignments & support students by answering their questions in *iOS Mobile App Development (CSC214)*.

Tech and Product Intern, Millie Group, New York, NY

May 2021 – Aug 2021

- Conducted user research to finalize the features of Millie's internal website.
- Designed the UI/UX of the website through a Figma prototype.
- Developed a full-stack React App using PERN Stack (PostgreSQL, Express, React, NodeJS), and managed the files and database through PostgreSQL & AWS.

IBM Accelerate Software Apprenticeship, IBM, Virtual

May 2021 – July 2021

- Enhanced the technical and foundational skills needed to succeed in the software development industry.

PROJECTS

BalanceBuddy

Jan 2022 - May 2022

Helps students balance between their schoolwork & internship search process, through daily task & progress dashboard.

- Conducted user research, designed prototypes in Figma, & performed usability testing for the working prototype.
- Developed the back-end of the webpage and Chrome extension using React, and setup a MongoDB database.

Light Up (iOS Application)

Dec 2020 - Jan 2021

An app that helps users brainstorm ideas by displaying random words and being able to save all ideas in "sticky notes".

- Developed using Swift, managed the database with CoreData, and retrieved random words via an API call.
- Published to the App Store and localized in Arabic and English.

EXTRACURRICULAR ACTIVITIES

University of Rochester

Rochester, New York

Marketing & Design Team Lead, DandyHacks 2022

Mar 2022 - Present

- Contribute to bi-weekly team leads' meetings to plan for the University of Rochester's annual hackathon event.
- Lead a team of 4 to design and market publicized content. (E.g., logo, social media posts, website, merchandise)

IT Team Member, DandyHacks 2021

Aug 2021 - Oct 2021

- Develop and maintain DandyHacks' website using Vanilla JS, HTML, CSS in preparation for the Hackathon event.

International Student Mentor, University of Rochester

July 2020 - Nov 2020

- Guided incoming international students and smoothen their transition to the U.S. culture and academics.

Community Service

Dhahran, Saudi Arabia

High School Students Mentor, Nuqsh

Sep 2020 – Present

- Advised Saudi high school students through the U.S. colleges' application process.

SKILLS

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- Java, Python, C, Swift, JavaScript, HTML, CSS, React, Node JS, Express JS, SQL, PostgreSQL, R, Unreal Engine
- Figma, Adobe Illustrator, Adobe Premiere Pro, Blender
- Adaptability, creativity, flexibility, problem-solving
- Native, Arabic; Fluent, English