

QUSAI GHABRAH

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EDUCATION

King Abdullah University for Science and Technology (KAUST)

MS Computer Science

Thuwal, Saudi Arabia

Aug 2023 - Dec 2024

Purdue University

BS Computer Science and Minor in Psychology. *GPA: 3.62*

West Lafayette, IN

Aug 2019 - May 2023

EXPERIENCE

Mozn

Software Engineer Intern

Riyadh, Saudi Arabia

Aug 2024 - Present

- Authored design documents fostering technical discussions and precise implementation strategies.
- Optimized queries, achieving a 99.9% performance enhancement.
- Implemented features tailored to client-requested functionalities, enhancing user experience.

ThreatMonitor

Junior Developer

Riyadh, Saudi Arabia

May 2024 - Aug 2024

- Developed a web scraping tool to monitor the Russian Market website for customer domain leaks.
- Implemented brand impersonation detection by scraping Twitter and LinkedIn for customer-specified keywords.
- Created executive impersonation detection features by identifying accounts with usernames or display names similar to company executives.

PricewaterhouseCoopers (PwC)

Deals Tech Intern

Riyadh, Saudi Arabia

Jun 2024 - Aug 2024

- Automated the creation of client teasers for the Corporate Finance team which reduced manual effort to a single click.
- Developed a GPT-powered tool to extract data from broker reports into Google Sheets.
- Created a tool to automate data transfer between Word document templates as part of a Claims Management project.

KAUST

Graduate Researcher

Thuwal, Saudi Arabia

Jan 2024 - May 2024

- Developed a tool utilizing communicative LLM agents to automate system testing of microservices.
- Published a paper titled *Towards LLM-Assisted System Testing for Microservices* at the IEEE AI-DCS workshop.

Mzeeij

Assistant Technical Project Manager

Riyadh, Saudi Arabia

Aug 2023 - Feb 2024

- Developed the front-end of the inventory management system using NextJS.
- Led technical documentation efforts including sprint planning and requirements collection.

Woven

Software Engineer Intern

Indianapolis, IN

May 2022 - Aug 2022

- Developed an internal tool to automate +50% of the candidate selection process.
- Documented the tool's architecture and usage to facilitate future maintenance.

SKILLS

Programming Languages: Python, C, Go, Javascript, Typescript, Ruby

Frameworks and Technologies: Git, PostgreSQL, React, NextJS, React Native, Ruby on Rails

AWARDS AND EXTRACURRICULARS

Saudi Student Association (SSA)

Jan 2022 - May 2023

As President of the SSA at Purdue University, I strategically planned and led the execution of over 30 diverse events, and presided over 25 board meetings to enhance club operations and member engagement.

Misk Fellowship

Jun 2022

A prestigious leadership program awarded by Misk to 70 out of 7600+ applicants. Triumphed in a business pitch competition under the program through popular vote.