

Hassan Z.Mango
752 S Cedar. St, Galesburg IL, 64101
(312)-545-0484, hzmango@knox.edu

SUMMARY

Resourceful problem solver, data-driven, highly motivated with strong analytical skills, and a broad foundation in software engineering principles. Looking for opportunities to expand and contribute my skills in the field of web development and software engineering.

EDUCATION

Bachelor of Science in Computer Science **GPA 3.2/4.0**

Knox College, Galesburg, Illinois,

June, 2024

Languages and Technologies- Java, JavaScript, C, Clojure, R, React, Next, HTML, SQL, Swift, Figma, OS Software, Microsoft Office, Excel, Serato DJ

WORK EXPERIENCE

Data Analyst Intern

June 2018-August 2018

IBM- Amman, Nepal

- Conducted targeted research on Oracle, Java, and Microsoft platforms, optimizing cross-platform system performance and reporting key findings.
- Improved database efficiency by optimizing SQL queries and streamlining data operations for simple data types.
- Collaborated with analysts to analyze IBM data and developed an HTML dashboard to track research progress and insights.

Web Developer Campaign

June 2021-August 2021

Clear Profits Marketing Agency- Monmouth, Illinois

- Delivered 48 hours of intensive training in Elementor and WordPress, mastering front-end development and enhancing software proficiency.
- Acquired expertise in Google marketing, ad campaign management, and data analytics to drive website engagement and performance.
- Developed and launched multiple sample sites within a fortnight, culminating in the successful live deployment of McClintock Law's web pages. <https://www.scottmcclintocklaw.com/>

Front End Developer Intern

November 2022- January 2023

Wajeez- Amman, Jordan

- Utilized React JS to implement dynamic features like props and state management, enhancing user interface interactions across web applications.
- Integrated with the company's tech stack, gaining familiarity with infrastructure, and contributing to the development of the web app. <https://wajeez.com/>
- Engineered secure authentication flows, incorporating two-step, email, and phone verification processes, and connected front-end interfaces to cloud databases for account management.

INDEPENDENT ACADEMIC PROJECTS

CS 399, CS 220, CS 205, CS 208. BUS 333, BUS 212.

Software Application Development- Created a rating and review website targeted at Knox students (specifically prospective and freshman) using Vue JS framework, MongoDB, Docker, and Digital Ocean

Unity Video Game Development- Developed basic 2D Platformer and arcade-style game using Unity, C#, and Microsoft Visual Studio IDE

PROFESSIONAL DEVELOPMENT

Knox College Division III Men's Soccer Team - Awarded an **athletic scholarship** as an NCAA 1st Round Participant, I dedicated over 20 hours weekly to sports, balancing a full academic schedule while cultivating leadership and team-building skills.

Community Food Distribution Coordinator- Joined forces with my soccer team and local church volunteers to prepare and distribute food, contributing to societal betterment and promoting community welfare.