Hamza L. Kurdi

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EDUCATION

Bachelor of Science in Information Systems & Analytics, University of South Florida *Expected December 2024*

Bachelor of Science in Quantitative Economics & Econometrics, University of South Florida

Related Courses & Certifications: **Data Structures & Algorithm, Software Testing, Database Design & Development, Meta React Native Specialization, Harvard University's CS50: Intro. To Computer Science, Google Professional Data Analyst**

SKILLS

Platforms/Operating Systems: Windows 10/11, Mac OS X, Ubuntu, iOS, Android

Programming: Python, C, C#, Java, JavaScript, TypeScript, HTML, CSS

Technologies/Environment: React, Next.js, Node.js, MongoDB, Express, Git, AWS, Scrum, Agile Methodologies, DevOps, MS SQL Server Management Studio

PROJECTS

Baladi: An innovative chatroom application for international students with text features, grouping system and orchestrating **microservices architecture** for improved scalability and maintainability.

PriceRadar: A **fullstack** project with **TypeScript** and **Next.js**, using **web scraping** to fetch Amazon product prices. It offers real-time price info and user notifications via **Node.js**, **Nodemailer**, and **Cron jobs**. Users can register, log in with **Express**, manage a list of tracked items, and store data in **MongoDB**.

Calories Burned Predictor: A robust **machine learning** project using **Python**, **JupyterLab**, **Pandas**, **XGBoost**, **Flask**, and **Scikit-Learn** to predict calories burned with **91% accuracy**. Features include a Flask API, React.js **frontend**, and deployment on **Heroku** for **scalable** performance.

Waves: A sleek Spotify clone **for web and mobile**, featuring a modular **React.js** architecture, rapid **Vite** setup, and seamless **API integration** with ShazamCore. Styled with **TailwindCSS** for a polished user experience.

PROFESSIONAL EXPERIENCE

Baladi **Tampa, FL**
Founder & Full Stack Developer *January 2024 – Present*
- Spearheading the development of Baladi, a **MERN** stack powered platform connecting international students globally.
- Executing proficient **end-to-end** application development, emphasizing **user-centric design** and **agile methodologies**.
- Leveraging **Git** and **GitHub** for robust version control, enabling seamless collaboration and efficient code management.

Center of Leadership & Civic Engagement (University of South Florida, Tampa Campus) **Tampa, FL**
Project Assistant *February 2023 – August 2023*
- Sustained the **back-end operations** of BullsConnect ensuring all workflows pertaining to student organizations are valid and properly inputted to the student organization database.
- Evaluated and examined over **20** student organization registration, re-registration, change of officer, and bank letter forms on a daily basis.
- Communicated effectively with an average of **18** students daily through BullsConnect to guide them through the processes needed to validate their student organizations.

Realty Galaxy **Remote**
Frontend Developer & UI/UX Designer *September 2021 – November 2022*
- Engineered dynamic and interactive user interfaces using **React.js**, elevating the **engagement level** of Realty Galaxy's web applications.
- Applied expertise in **JS, CSS, and HTML** to implement pixel-perfect designs and ensure a consistent and polished look across various platforms.
- Collaborated with **cross-functional teams** to refine **user journeys** using **Figma**, ensuring a seamless and efficient **navigation experience** for website visitors.

Consolidated Contractors Company **Amman, JO**
Software Developer Intern *July 2020 – July 2021*
- Identified and resolved **50+** software bugs during the internship period, utilizing **JS & React.js (front-end)** and **Python (back-end)** for efficient debugging and code improvements.
- Collaborated with the database team to optimize **SQL** queries in **MS SQL Server Management Studio**, contributing to improved data retrieval times and user experience.
- Utilized **GitHub** for **version control**, ensuring seamless collaboration with the development team and tracking code changes for future enhancements.

LEADERSHIP AND AFFILIATIONS

Iota Phi Theta Fraternity, Incorporated **Tampa, FL**
Secretary *April 2023 - Present*
- Acted as the **primary administrative point of contact** for the chapter, contributing to the overall success and growth of the chapter by actively engaging in **strategic planning, goal setting, and evaluation**.

Tkiyet Um Ali **Amman, JO**
Fundraising Assistant *January 2019 – May 2020*
- Enhanced volunteer engagement by **20%** through the implementation of a **targeted communication strategy** and achieved a **95%** positive feedback rate on **training program** relevance and effectiveness.

ACHIEVEMENTS, LANGUAGES, AND INTERESTS

Achievements: USF Intl. Student Scholarship Holder, ourMENA Hackathon Runner-Up Team Leader, Intern of the Month at Consolidated Contractors Company

Languages: Arabic *(Native/Bilingual Proficiency),* English *(Native/Bilingual Proficiency)*, Turkish *(Limited Working Proficiency)*

Interests: Music Production, Body Building, Boxing, Reading, Chess