

Khalid Dakak

Professional Experience

Software Engineer

Access My Research

January 2020 - June 2020

Web application designed to connect users with researchers, increase access to publications, and act as a space for teams to work on research-related projects

- Implemented construction of the chat system from initial design to completion, allowing users to have one-on-one or group chats. Messages were stored and retrieved with **Firestore from Firebase**, users names were obtained from **Amazon's AWS Cognito**, and everything was displayed using **VueJS**
- Collaborated with other developers to identify and alleviate the number of bugs in the software both front and backend

Supervisor

Amorino Gelato

June 2018 - Present

- Educated staff on customer service, up-selling skills, and company systems, helping the Gross Sales increase 14% from 2018-2021
- Monitored inventory and documented supply count to ensure new products were ordered in a timely manner, reducing the amount of shipments from 7 to 2 per year, and reducing logistic costs by 15%
- Prepared employee schedules bi-weekly, as well as evaluated employee performances

Personal Projects

Personal Website: www.khaliddakak.com

Single Streamer Twitch Controlled Minecraft Server - Node.js Project

- Created custom Minecraft Server ran on a **DigitalOcean Droplet** that viewers on Twitch.tv can control through donations and subscriptions using the **Twitch API** and **Node.js**. Viewers could spawn monsters and use potion effects on the streamer in-game.
- The 3 months this server was implemented on the streamers channel, monthly subscriber average rose from 148 subscribers/month to 401 subscribers/month, and the donation amount increased from \$423/month to \$1,219/month.

Multi-streamer Twitch Controlled Minecraft Server webapp (tedfarkass.com) - React.js Project

- Created a custom Minecraft Server that controls multiple streamers' donations and redemptions separately through the **Twitch Pub/Sub** allowing viewers to spawn mobs on each streamer individually.
- Implemented **Firebase** authentication and **Twitch API** connections on a web app created with **React.js** to allow the controlling of settings for donation pricing for each individual streamer
- Implemented the **Stripe API** on the web app to accept subscriptions to join the Minecraft Server

Album Review Website - React.js Project

- Developed album review website that uses **Google Sheets API** as storage for personally reviewed albums, and displays them on a website with album covers that comes from a public album cover API
- This project was created uses **React.js** and **MaterialUI**

Volunteer Experience

Annual Soccer Camp for Underprivileged Kids

Kuwait City, KW | 2013-2018

- Organized and attended activities outside of the camp, as well as tournament matches
- Helped design and implement weekly schedules of training and activities

Education

University of Texas in Dallas

Dallas, TX

- **Major:** Bachelor of Computer Science 2021