



ABDULKAREEM ALKHIARY

COMPUTER ENGINEER

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CAREER OBJECTIVES

Technical minded, computer engineering graduate, looking to obtain a challenging position in a high-quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

PROFESSIONAL SKILLS

Programming Languages:

C, C++, C#, Java, JavaScript, HTML/CSS, Python, Verilog

Engineering Tools:

MATLAB, SPICE Tools, PCB Design/Layout

Fluent in both English and Arabic

LEADERSHIP EXPERIENCE

Treasurer of The Saudi Cultural Club

- Organized, co-hosted, and publicized events with over 200 attendees

WORK EXPERIENCE

Software Developer

(Aug 2018 - May 2021)

Kansas State University

- Developed a software (C#) that analyzes support structures under wind cycles to help the Kansas Department of Transportation prioritize the repair or removal of such damaged structures
- Participated in all aspects of a project, from design and development to testing
- Worked on maintenance and enhancements for the application

Research Assistant

(Aug 2018 - May 2021)

Kansas State University

- Worked on strengthening, formwork, caging, casting, and lab testing concrete

Co-Founder & CTO

(May 2021 - Present)

SavingsTech - Financial Technology

- Leading technical staff in the development, application, and optimization of SavingsTech's platform
- Participated & Won in Monsha'at Accelerator

EDUCATION

Kansas State University

(Aug 2017 - May 2021)

Bachelor of Science in Computer Engineering

GPA: 3.62/4.00

PROJECTS

Electronic Candle Extinguisher

- Built & programmed a container that self extinguishes a candle flame (2nd Place in University)

Zaster Web Application

- Built an educational web application powered by the DragonBoard 410c running on Debian 9 Stretch to track the coordinates of the ISS using the NASA API. I also used the Hubblesite API to display recent news regarding astronomy (NodeJS, ExpressJS, Embedded JavaScript, CSS, HTML)

Smart Mirror

- Assembled a raspberry pi powered monitor behind a double-sided mirror.
- Programmed (JavaScript) the computer to display multiple panels containing various activities (weather, calendar, etc.)