KHALID NOMAN

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EDUCATION

Sam Houston State University (ABET Accredited)

Bachelor of Computing Science   **2016 – Present**

    Cumulative GPA: 4.0/4.0

    Related Coursework: Data Base Management Systems, Data Structures and Algorithms, Human-Computer Interaction, Data Mining, Special Topics: Artificial Intelligence, Software Engineering, Computer Graphics

    Alpha Chi Honor Society

TECHNICAL SKILLS

Language/Framework (Proficient): Java, JavaScript, SQL, C++, Xamarin, XML, Typescript, Angular

Language/Framework (Prior Experience): Ada, C, C#, HTML, Python, CSS, MATLAB, Microsoft Azure

PROJECT EXPERIENCE

Clinic Mobile/Desktop Application Development (Presented at Consortium for Computing Sciences in Colleges)
- Applications designed to automate tasks of reception of the clinic
- Application made use of C# and Xamarin for the mobile application and Java for the desktop application
- Microsoft Azure was used to host the database as portability was a necessity

FingerPrintApp (Presented at American Association for Forensic Sciences)
- Group tasked with designing a mobile application capable of assisting law enforcement in fingerprint collection
- Application developed in Java made use of SourceAFIS to score and match fingerprints
- Desktop application was developed to receive images from mobile application to find a match from a database

BanTrack
- Simple application was developed to help restaurants keep track of blacklisted customers
- Java was used to develop a desktop application and SQL was used to keep track of the information
- Ease of use was a necessity and so was a main focus of the project

Coding Application
- Volunteered as a student researcher to develop an application for the University's computer science department
- Application was designed to encourage people new to programming to experiment and learn coding

WORK EXPERIENCE

Takamul Smart Technology

Software Developer Internship   **Oct 2021 – Dec 2021**

Full Stack Developer with a concentration in Front End Development. Used web development technologies, source control, and work management software to work as a team.

Sam Houston State University: Department of Computer Science Research Project

Programmer   **Jan 2021 – Jun 2021**

Use of Java to develop an Android application that encourages people new to programming to learn and experiment with Java.

Sam Houston State University: Department of Computer Science Research Project

Programmer   **Jun 2019 – Aug 2019**

Researching and Working with Java to establish a server and Android application, creation and maintenance of java code.

Skin Essentials Medical Clinics

Application Enhancement   **May 2021 – Sep 2021**

Worked with clinic staff and application provider to enhance the system that clinic currently uses. Helped application provider more accurately customize the system to the clinics needs.

Tech Support   **May 2018 – Aug 2018**

Designing, Creating, and Maintaining the Clinics website, Diagnosing and Troubleshooting Software and Hardware faults, Maintaining the Network.

Reception   **May 2019 – Aug 2019**

Answering/Referring inquiries, Welcoming and Invoicing customers, Maintaining logbooks.

PUBLICATIONS AND PAPERS

"Development of an Intelligent Mobile Application to Enhance the Quality of Latent Fingerprint Acquisition"
Research Paper   2019

AWARDS

Dean's List
    Fall: 2016 – 2020 | Spring: 2017 – 2021
President's List
    Fall: 2016 – 2020 | Spring: 2017 – 2021
Global Young Leaders Conference   2015

MEMBERSHIPS

Society for Collegiate Leadership and Achievement
National Society for Collegiate Scholars
Association for Computing Machinery: Sam Houston State University Chapter
King Abdulaziz & his Companions Foundation for Giftedness & Creativity
Alpha Chi Honor Society

CERTIFICATES

MISK "Future Path Career Essentials Program"
LinkedIn C++ Essential Training
LinkedIn Java Skill Assessment badge

LANGUAGES

Arabic– native language
English– speak fluently and read/write with high proficiency