

Fahd Alghamdi

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Education

King Abdulaziz University

BSc in Computer Science

- GPA: 4.86/5
- Innovation and Modelling Lab: Gave multiple workshops teaching students about AI and 3D Printing
- Frequently provided mentoring for students in need

Jeddah, Saudi Arabia

September 2020 - May 2025

Arafat High School

High School Degree

- CGP of 95.73% out of 100

Jeddah, Saudi Arabia

2016 - 2020

Work Experience

uTrust

Application Developer

- Developed a full-stack Dashboard Website using React for the frontend and NodeJS for the backend, enabling real-time data visualization and user interaction for improved client decision-making.
- Created a Python-based Telegram Helpdesk Bot that allows clients to submit tickets directly through Telegram, streamlining customer support processes and improving response efficiency.
- Worked in Agile sprints and gained practical experience with the Software Development Life Cycle (SDLC), ensuring timely deliverables and iterative improvements to the project.
- Collaborated closely with clients to gather and refine requirements, providing regular demos to showcase progress and ensure alignment with client expectations throughout the development process.

Saudi Arabia, Jeddah

July-2024 - Present

Personal Projects

Log Analysis

Java, JavaFX

- Developed a log analyzer application to consolidate and examine distributed log files across multiple systems, enhancing security risk and threat identification.
- Utilized File IO techniques in Java to efficiently merge multiple log files into a singular data stream for comprehensive analysis.
- Designed and built a user-friendly interface using JavaFX, enabling users to interact with the system seamlessly and obtain analytical results intuitively.
- Implemented advanced Collections frameworks in Java to organize, sort, and process large datasets, improving the efficiency of data analysis.

2024

Web Crawling

Java, JavaFX, JDBC, MySQL, Multithreading

- Developed a distributed Java program, Web Crawler (Web Spider), utilizing the Master/Slave pattern.
- Designed the application to automatically extract URLs embedded in web pages.
- Implemented a master component to divide large tasks into smaller tasks and distribute them to slave components.
- Achieved horizontal scaling by enabling the master and slaves to run on different devices, allowing the addition of more devices to the infrastructure.

2024

Skills

Programming

Python, Java, C#, JavaScript, TypeScript, HTML/CSS, R, MATLAB, LaTeX, Visual Basic, Assembly, SQL

Frameworks

React, ExpressJS, NextJS, Axios, NodeJS, NumPy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-Learn, Tensorflow, Cufflinks, TailwindCSS, Ant Design

Miscellaneous

Linux, Postman, Windows, Unity, Code Optimizations, Github/Git, VR, AR, Overleaf, 3D Printing, IntelliJ, Visual Studio Code, Pycharm, Jupyter, Netbeans, ChatGPT, Docker, Multithreading

Soft Skills

Leadership, Logical Approach, Teamwork, Problem-Solving, Critical Thinking, Adaptability, Mentoring, Observation, Public Speaking, Planning, Decision Making

Languages

English

Native proficiency - 14 years of use. IELTS Listening 7.5, Reading 7.5, Writing 6.0, Speaking 7.0, Overall band score of 7.0

Arabic

Native

Certificates

2024	Build a Micro-RPG in Unity , Create a top-down, 2D micro-RPG in Unity.	Zenva Academy
2024	Intro to Game Development with Unity , Start learning how to develop your own games and applications using the popular Unity engine and C.	Zenva Academy
2024	Node.js, Express, MongoDB & More: The Complete Bootcamp , Master Node by building a real-world RESTful API and web app (with authentication, Node.js security, payments & more).	Udemy
2024	CSS And Javascript Crash Course , Learn CSS And JavaScript Programming Language With Practical Interaction	Udemy
2024	Complete JS Bootcamp , Complete JS Bootcamp, learn JavaScript for Web Development, foundation for React	Udemy
2024	Python Complete Bootcamp from Zero to Hero , A python course that teaches advanced python techniques with exercises, exams, and projects to work through.	Udemy
2024	Python For Data Science and Machine Learning , A python course that teaches advanced python techniques with exercises, exams, and projects to work through.	Udemy
2024	Complete C# Unity Game Developer 2D , Learning Unity in C# and coding games, includes challenges and exams.	Udemy
2024	Project Development Using JAVA for Beginners , Focusing on project development from foundational concepts to advanced applications.	Udemy
2018	EXPLO , Programming, Physics, and Game theory courses.	EXPLO, New Haven, USA
2016	SAUDI ARAMCO GIFTED PROGRAM , Mechanical Engineering, Electric Engineering and Arduino Programming.	Saudi Arabia
2016	BERLITZ ENGLISH COURSE , Level 5 out of 6 in an English language course.	Saudi Arabia
2016	TOASTMASTERS INTERNATIONAL , Youth leadership program that builds confidence and teaches public speaking skills.	Saudi Arabia
2015	CAMBRIDGE TRAINING AND CONSULTANCIES CENTRE , A course about basic TRIZ practices.	Saudi Arabia