



Hussein Almudhafar

Computer Aided Design and Manufacturing (CAD/CAM) Engineer

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Languages - Arabic (Native) - English (Advanced)

Profile

Motivated and tech-savvy graduate Engineer with basic knowledge of networking, troubleshooting and system maintenance, good communication and problem-solving skills, seeking job experience to get hands-on professional experience, fast learner with a passion for networking.

Qualifications

- Hands-on experience with Cisco networking equipment like 1840 model routers, and 2950-24 switches, and designed my own local network and cloud infrastructure using Netgear commercial-grade devices.
- Proficient in Network addressing, Virtual Lan, NAT, and subnetting. acquired fundamental knowledge of multiple protocols including security protocols, and transport protocols TCP/UDP, as well as; DHCP, DNS, HTTP, and HTTPS. Hand-on experience with bridge routing and network design, and ability to deny and permit server access for certain devices.
- Strong Team-Player with the ability to collaborate and work effectively with teams to achieve shared goals and objectives.
- Confident and resilient under pressure, maintaining a positive attitude despite adversities.
- Excellent presentation skills and ability to present ideas in a simple, cohesive, and engaging structure.
- Action oriented, ready to take on challenging tasks by identifying and planning actions needed to form a cohesive plan without unnecessary actions with a can-do attitude in favorable and difficult circumstances.
- English fluency, able to communicate in a clear and understandable manner.
- Skilled in building and maintaining strong professional and interpersonal networks, drawing upon multiple relationships to exchange ideas and resources.
- Cross-cultural communications and interpersonal skills, discipline, and dynamic personality.
- Strong analytical and problem-solving skills, able to identify issues and implement effective solutions.

Education

B.Sc in Computer Aided Design & Manufacturing (CAD/CAM) Engineering

University of Technology, College of Production Engineering and Metallurgy

2021-2025

Certification

-MKnet CCNA preparation course

September 2025 – October 2025

Projects & Practical Experience

-Design and Development of a Handling Robot for Lightweight Materials – Graduation project.

Dec 2024 – Apr 2025 University of Technology

- Collaborated with a team of three to design and develop a robotic arm for transporting and sorting lightweight materials based on color.
- Designed, selected, and configured control sensors for the robotic arm.
- Developed control algorithms using Arduino IDE to achieve efficient motion control and precise responsiveness.
- Led the writing and formatting of project documentation and the final report for academic assessment.
- Contributed to team planning, system testing, and project presentation.

-Solo Game Programmer.

Jan 2020 – Current

- Programmed and developed multiple games across various genres.
- Gained strong problem-solving skills through hands-on development.
- 5 years of self-taught programming experience, with the ability to quickly adapt to new programming languages.
- Solid understanding of the full project development cycle.
- **Portfolio:** <https://screwdrivergames.itch.io/>.

Technical Skills

- MS Office (Word, PowerPoint, Outlook)
- MS Excel (Intermediate)
- MS Teams (Collaboration)
- Programming; C#, Matlab, C, Python
- Engines; Unity, Godot, Unreal
- 3D modeling Software; SolidWorks, Blender
- Network design and hands-on experience of protocols
- Arduino Programming
- Created my own local cloud
- Windows Server

Relevant Strengths

- Quick learner with strong analytical and problem-solving skills.
- Team collaboration
- English Fluency – written and spoken
- Time Management and Multitasking
- Good knowledge of network devices.
- Strong interest in digital transformation and innovation.