



Obada Outabachi

Software Developer

Dedicated software developer graduated from 42 Abu Dhabi. Practiced software development for over 3 years, developing 20+ projects using various tools and taking many courses in the process. Offering strong expertise in the AI/Machine learning and software development.

Education

- **2024 - now**
BSc in Computer Science - UoPeople
- **2024 - now**
BSc in Applicative Software Development - 42 Abu Dhabi
- **2024 - now**
MSc in Applicative Software Development - 42 Abu Dhabi
- **2022 - 2024**
Software development common core (diploma) - 42 Abu Dhabi

Courses, Certifications and Hackathons

- **CS50 - Harvard - 2021 & 2024**
CS50X & CS50AI
- **Machine Learning - Google - 2024**
Google Machine Learning Crash Course with Tensor Flow API
- **Open Source Society University (OSSU) 2024 - now**
OSSU for computer science & mathematics
- **IBM - 2024**
Artificial Intelligence Fundamentals
Cybersecurity Fundamentals
- **Participated in Tech Maze Hackathon - March 2024**
Created a game in 1 hour using raspberry pi tools and LED lights using MicroBit and won Awards
- **Participated in MOI UAE Hackathon May 2024**
Created a website with eye tracking AI feature and an immersive 2D game in 2 weeks
- **Participated in Compass Hackathon - June 2024**
Created an AI bot in 24 hours

Experience

- **AutoCAD designer - 2021**
Gained skills in designing new shops using AutoCAD based on customer needs

Projects

- **3D Renderer**
Developed ray tracer using C++23 and OpenGL which renders realistic shapes in a 3D environment. It implements modern features like multiple shapes, reflections, types of lighting, transparency, colour mixing, textures, shadow mixing, FOV (field of view)
- **Minishell**
A functional shell in C that works like bash that can execute commands, handle all syntax errors, handle redirections and environment variables, multiple piping and exit codes
- **Games website**
Games website developed by a team of 5. Implemented features like 2FA, UI/UX design, AI opponent, game history, user management using modern tools like Caddy, JavaScript, HTML, CSS, Django, shell script, and docker

Contact

Email

ObadaOutabachi2003@hotmail.com

Phone

+971 50 1931 952

Address

Abu Dhabi, United Arab Emirates

Github

github.com/Obada1

LinkedIn

linkedin.com/in/obada-outabachi

Skills

Programming Languages: C, C++, C#, Python, React, JavaScript, Java, HTML, CSS

Frameworks: TensorFlow, Pytorch, Django, .NET

Database Management: MySQL, SQL, MariaDB

Graphics Libraries: OpenGL, Phaser3, MinilibX

Other: Git, Docker, Asana, Figma, MS Office, Shell scripting, Linux, VS Code, Unreal Engine 5, AutoCAD, HitFlim

Soft Skills: Communication, time management, leadership, brain storming, critical thinking, testing, working under pressure, debugging, adaptability, creative thinking

Expertise

- Software Development
- AI and Machine Learning Development
- Algorithms
- Computer Graphics
- Game Development
- Game Design
- Web Development
- Shell Scripting
- Full Stack Development
- System Administration
- Project Management
- Team Leadership

Languages

- Arabic
- English