

Qusai Osama Malahmeh (Kusay)

قصي أسامة ملاحمه

Digital fabrication specialist with a passion for innovation, entrepreneurship and digital fabrication (additive Manufacturing and rapid prototyping).



Contact

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LinkedIn

Website/Portfolio

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Skills

Digital Fabrication Human Centered Design

3D Printing Rapid Prototyping

CNC Machining Design

Training Mentoring

Design Thinking Consulting



Languages

English ●●●●○ Very Good

Arabic ●●●●● Excellent



Work History

2022-03 -
Current

menalab, Amman- Co-Founder

menalab is a dynamic startup that specializes in design education, leveraging user-centric design principles and low-fidelity prototyping enhanced by digital fabrication technologies. With a strong focus on empowering individuals with practical design skills, Menalab offers comprehensive programs and workshops that equip participants with the knowledge and tools needed to bring their creative visions to life.

2020-02 -
2022-02

TechWorks - Crown Prince Foundation- Technical Team Leader

My role included leading the growth of fablab programs and maker communities in Jordan, acting as a champion for makers. I have also coordinated with local and regional fab labs and maker spaces, to create a knowledge repository for public access, and establish affiliations with diverse user communities. Additionally, I have advised on the facility developer to oversee daily operations, ensure machine maintenance and safety, drive digital prototyping and fabrication initiatives, support specialization areas, provide prototyping consultation, collaborate with entrepreneurship and innovation stakeholders, and contribute to the annual workplans and budgets of the fablab.

2019-01 -
2020-02

Luminus ShamalStart- FabLab Supervisor

I was responsible for planning daily production runs for 3D printer, performing finishing processes on printed parts, and leading 3D printing training in the fablab. I have also contributed to lab upkeep and cleaning, ensuring machine maintenance, collaborating with Doctors without Borders for prostheses production, sharing knowledge through workshops and training, and organizing the inventory efficiently.

2019-01 -
2019-07

FabFoundation- Fab Academy Co-Instructor

Assistance in the Local Instruction of the Fab Academy International Diploma, which included guiding the students in learning how to effectively operate digital fabrication machinery.

Luminus ShamalStart- 3D Printing Specialist

- Lead on 3D Printing training in the fablab.
- Helping with lab upkeep and cleaning to ensure products are created in a safe and efficient environment.
- Machine Maintenance.
- Collaborating with Doctors without Borders (MSF) to produce 3D Printed Prostheses.
- Knowledge Sharing through Workshops and Training
- Inventory Organization

2015-01 -
2017-11

3Dmena- 3D Printing Specialist

- Plan daily production runs for all 3D printers.
- Perform finishing processes (polishing, curing, blasting etc.) on 3D printed parts.
- Lead on 3D Printing training in 3Dmena Academy.
- Help with lab up keeping and cleaning to ensure products are created in a safe and efficient environment.
- Make sure all 3D Printed products are ready on time.
- Lead the 3D printing and assembling of hardware/startup projects.



Licenses & certifications

Interaction Design Foundation (IxDF)

-Design for a Better World with Don Norman

-How to Create Intuitive Products by Imitating Physicality

-User Experience: The Beginner's Guide

-AI for Designers



Education

2020-03 -
2020-09

Diploma User Experience

Princess Sumaya University For Science & Technology. - Amman

2018-01 -
2018-07

Principles & Applications of Digital Fabrication : FabAcademy

FabFoundation (MIT) - USA

2008-01 -
2011-01

Business Administration

segi university malaysia