MUHAMMAD ALHASAN MUHAMMAD ALI

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PROJECT MANAGER / COMPUTER ENGINEER

Insightful, business-minded product developer and program manager with 9 years of experience across a broad range of professional social programs and varied user segments. Hands-on experience leading product and solution development within all product lifecycle stages, and positioning companies and products for success. Able to succeed in a dynamic environment and skillfully manage multiple tasks while remaining reliable and focused.

Areas of expertise include:

- Project Management
- Strategic Business Planning
- Market Research
- Product Design & Development

- Software Development
- Hardware Manufacturing
- Team Leadership
- Professional Training and Mentoring

EDUCATION

Master's Degree in Robotic Engineering (2016 – Postponed)
Damascus University, Damascus, Syria

Related Courses: Advanced operating systems, Advanced computer architecture, Robotics computer vision, VLSI system design, Automata theory.

Bachelor of Science in Computer Engineering (2011 – 2016)
Damascus University, Damascus, Syria

Final Grade (77.57%) ranking 4th among my colleagues.
Graduation project: Educational Simulator of Electronic Circuits Using Computer Vision (Visulator)

PROFESSIONAL EXPERIENCE

INNOVATION LAB | UNDP, Damascus, Syria
Project Coordinator, 6/2019 – 12/2019

The Innovation Lab is a new initiative launched in collaboration with Wikilogia, which aims to empower youth in Syria to identify and solve challenges in their local communities.

- Led a 15-member team to implement project phases in a mission to explore the potential of the Internet of Things technologies in the context of the local development efforts.
- Setup a fully-equipped space for Innovation Lab by developing and tracking program financials with a budget of $50k.
- Achieved 20 user-tested youth-led unique ideas by supervising the implementation of design thinking training and mentoring sessions.

ENTREPRENEURSHIP PROGRAM | ICT INCUBATOR, Damascus, Syria
Program Manager and Trainer, 10/2015 – 9/2018

The ICTI Entrepreneurship Program is a multi-cohort startup competition for Syrian entrepreneurs, organized by ICT Incubator, the leading Syrian technology startup incubator.

- Provided professional business training and mentoring for +250 trainees in 5 Syrian cities covering market research, business planning, and ideas evaluation.
- Reach +1,500 university students by planning and implementing a marketing plan and visual identity design.
- 4 to 6 graduated startups each cohort by coordinating and planning 4 cohort of the program.

BUSINESS TRAINING AND CONSULTING, Damascus, Syria
Self-Employed, 2018 – Present

Develop materials and provide training and consultation for youth startups and small businesses. Training topics include ideas generation, market research, business model, business plan, team management, and marketing essentials. Key clients:

- SanadVisor, *Sanad Team for Development* (9/2019 – 2/2020)
- JumpStart, *UNDP & Damascus University* (10/2019)
- Digital Arabic Content Competition, *Syrian Virtual University* (8/2019)
- *RWAQ learning platform* (5/2019 – 7/2019)
- Sham Riyadah, *AlSham Private University* (2/2019 – 5/2019)

DARATY, Damascus, Syria
Co-Founder and Product Developer, 2/2014 – Present

Daraty is an educational kit for teaching children the basics of electronic circuits through a safe and entertaining breadboard that develop their logical thinking and engineering skills. Daraty has been registered as a Limited Liability Company in Syria.

- Release the first version of the kit in 2018 and reach +$15k sales.
- Provide training for +400 kids aged 7 to 12 with a specialized interactive educational content developed by Daraty team.
- Prize-awarded business plan and product by many local and international prizes:
  - Top 100 Arab Startup shaping 4th Industrial Revolution by World Economic Forum (2017, 2019)
  - European Youth Award (2017)
  - Bridges Project Fund by IECD & UNICEF Syria (2017)
  - Impact Startup Sprint by Elevate (3rd place winner) (2017)
  - GIST Tech-I 2016 Finalist (2016)

WIKILOGIA, Damascus, Syria
Coordinator and Program Manager, 12/2011 – 2/2020

Wikilogia is an open community providing hackathons, workshops, and lectures in several domains to empower undergraduate IT and computer engineering students

- Hosted +250 technical workshops for over 3,000 beneficiaries by a network of +60 volunteer tutors.
- Introduced the community to technology trends such as 3D printing while organizing the first hackerspace in Damascus.
- Supervised the implementation of Wikilogia Hackathon, a three-month tech competition granted $60,000 from UNFPA Syria, empowering over 100 engineering students to build user-based technical solutions.

PARTICIPATION IN REGIONAL AND INTERNATIONAL ACTIVITIES

STARS OF SCIENCE | SEASON 9, Doha, Qatar (2016)

ARAB YOUTH STARTUP MARKETPLACE | ARAB YOUTH CENTER, Dubai, UAE (2017)

KEY SKILLS

- Programming Languages:
  C#, C++, Java, Android (Dart & Flutter)
- Hardware Development:
  Digital design, PCB, microcontrollers
- Web Development:
  WordPress, JavaScript
- Design Software:
  Photoshop, Illustrator, SolidWorks