

# JOUD KHATTAB

Business Analyst | Instructor | Software Engineer | Entrepreneur

**Location:** Damascus, Syria

**Mobile:** +963 (99) 144 - 8543

**Email:** khattab.joud@gmail.com

**Website:** www.joudkhattab.com



## BACKGROUND

I am a high-tech expert, inspired with the great role of technology for development issues and how frontier technologies could shape the current world we live in. I am passionate about education and acquiring knowledge in addition to gaining expertise related to innovation. So, I achieved a dual bachelor's degree in Software Engineering and Business Administration. And a master's degree in Big Data Science. I am an experienced developer with more than six years of diverse work that varies from business and data analytics, programming, entrepreneurship, researches and academic teaching. I am an eager volunteer who always try to get involved in projects that spreads essential knowledge among youth and raises awareness about problem solving, technology, entrepreneurship and innovation.

## PERSONAL INFORMATION

**Date of Birth:** 2<sup>nd</sup> January 1994

**Nationality:** Syrian

**Marital status:** Single

**Gender:** Male

**Military Service:** Exempt

## LANGUAGES

**Arabic:** Native proficiency

**English:** Professional working proficiency

## COMPETENCIES & SKILLS

Leadership, Critical Thinking, Hard Working, Problem Solving, Team Working, Communication, Research, Strategic Planning, negotiations.

## EDUCATION

### Master in Big Data Science

Dec. 2016 – Dec. 2019

**Institution:** Higher Institute for Applied Sciences and Technology, Damascus, Syria

**Major:** Big Data

**Average:** 76%

**Field of Study:** Data Warehousing, Statistics & Data Analysis, Machine Learning, Data Visualization, Cloud Computing, Data Privacy, Text Analytics, Time Series, Social Network Analysis, Non-Relational Database.

### Bachelor of Economics

Jun. 2011 – Jun. 2017

**University:** Damascus University, Damascus, Syria

**Major:** Business Administration

**Average:** 75%

**Field of Study:** Project Management, International Marketing & E-Commerce, Human Resource Management, Small & Medium Enterprises Management, International Business Administration.

### Bachelor of Informatics and Communication Engineering

Aug. 2011 – Aug. 2016

**University:** Yarmouk Private University, Damascus, Syria

**Major:** Software Engineering

**Average:** 93.5% | First class in all semesters

**Field of Study:** Programming, Algorithm Analysis, Database Systems, System Analysis & Design, Computer Networks, Image Processing, Artificial Intelligence, Natural Language Processing, Neural Networks.

## RESEARCHES

- Using Social Network Analysis to Understand and Analyze the SDGs. 2019
- Geospatial Information Management. 2017
- Big Data for Development. 2017
- Fog Computing Architecture. 2017
- Understanding Personality through Social Media. 2017
- Data Storytelling. 2017
- Semi-supervised learning in Data Mining. 2015

## WORK EXPERIENCES

### Business Analyst at Spaceton GO

Apr. 2020 – Present

#### Responsibilities

- Creating a detailed business analysis, outlining problems, opportunities and solutions for a business.
- Research for best practices developing the solutions and recommendations for business operations.
- Interpret data, analyze results using statistical techniques and provide ongoing reports.
- Develop systems to capture business operation information.

### Practical Instructor at Yarmouk Private University

Mar. 2017 – Present

#### Position

- Secretary of information and communication engineering college council.
- Representative of the technical commission.

## **Responsibilities**

- Teaching Software Engineering courses at the Faculty of Information and Communication Engineering. Courses like Programming, Advance Algorithm and Data Structure, Compiler Design, Data Mining, Computer Graphics, Operation System, and courses that describe the steps of software engineering process from requirement gathering to deployment of the software.
- Supervising junior and senior projects.
- Follow up on some administrative work.

## **Achievements**

- Teach more than 500 Students and prepare curriculums for 12 different courses.
- Supervising more than 20 graduate projects in the fields of software engineering, mobile development, artificial intelligence, augmented reality and many more.
- Many of my supervised projects continued as researches or projects on the ground.
- Planning and preparing the new college full curriculum plan.
- Linking many students with practical life by giving many of them job opportunities.
- Revitalizing the college by carrying out a number of advocacy workshops toward Development, SDG, Entrepreneurship and Frontier Technologies.

## **Co-Founder & Project Manager at IT Engineering Office**

**May 2018 – Jan. 2019**

### **Responsibilities**

- Developing a software project plan and manage its deliverables.
- Leading and managing the software project team.
- Ensure that your new software solution meets various quality assurance criteria.

### **Achievements**

- Develop more than 5 systems.
- Provide free of charge technical and business help for newly launched startups and initiatives.

## **Intern Researcher at UN-ESCWA Statistical Division**

**Sep. 2017 – Jan. 2018**

### **Responsibilities**

- Compiles, processes and works with socioeconomic databases derived from a variety of sources.
- Supports drafting of inputs to presentations, project documents and research papers
- Supports the organization of experts group meetings.

### **Achievements**

- Conducts research about Big Data and its importance to national statistical offices and projects related to it for implementing Sustainable Development Goals (SDGs).
- Conducts research about Geographic Information System (GIS) and Geo-spatial data for development in the world and the maturity of Arab countries in this domain.
- Test and edit an e-learning platform on gender statistics and open data platforms for statistical division.
- Associate in organizing an expert group meeting on Innovation and Technology for SDGs.

## **Full Stack Web Developer at Freelancer**

**Jan. 2015 – May 2018**

### **Responsibilities**

- Developing frontend and backend website architecture and applications.
- Creating servers and databases for functionality.
- Ensuring responsiveness of applications.
- Working alongside graphic designers for web design features.
- Designing and developing APIs and write its technical documentation.

### **Achievements**

- Development websites using ASP.NET MVC, PHP, HTML5, JS, and many more tools and languages.
- Development android applications and games on android studio.

## **Co-Founder of Almni Startup at ICT Incubator**

**Feb. 2015 – Feb. 2016**

### **Startup Overview**

- A self-learning, interactive and intelligent system, which is dedicated for computer programs in a modern way that is more interactive and easier than any of the existing self-learning systems.

### **Achievements**

- Win a competition for entrepreneurship and obtain financing for the project.
- Get an incubation for one year.

## **Web Developer at Dot Connect Web Solutions Company**

**Jun. 2014 – Jan. 2015**

### **Responsibilities**

- Working remotely with a team in several countries.
- Software development for web-based systems, using C#, ASP.net, MVC, Entity framework, MSSQL server.
- Create a website layout/user interface by using standard HTML/CSS practices.

### **Achievements**

- Development of several systems that serve the countries of the region.

## **VOLUNTARY EXPERIENCES**

## **E-Platform Technical Team Leader at YLP UNDP**

**Apr. 2019 – Present**

### **Program Overview**

- Youth Leadership Programme is a one of the UNDP Programs, it is launched in 2015 to build the region's most dynamic network working at the intersection of youth, innovation, and sustainable development.
- YLP platform connects YLP alumni and partners across the Arab States region. It offers a space for participants to network, share their ideas, and search for support.

### **Responsibilities**

- Leading the technical team.
- Plans and ideates technical development of the platform.
- Develop and implement new features for the platform.
- Ensure platform infrastructure is functioning and working efficiently.
- Make executive decisions regarding our technological needs.
- Evaluates needs for design and contacts Communications team leader with schedule and product plan.

### **Achievements**

- Launching YLP online platform during YLP5 regional forum in Amman.
- Recruit new volunteers from 6 Arab countries to work on the platform.

## **Co-Founder & Event Organizer at Innovation Hub**

**Feb. 2019 – Present**

### **Startup Overview**

- A Syrian initiative that founded to support entrepreneurship, technology and innovation. By encouraging youth to start their own tech startups, Promoting the culture of openness, collaboration and innovation and providing a supportive environment for them.

### **Responsibilities**

- Plan and organize the event from concept to finish.
- Communicate with the partners to understand their wants and needs for the event.
- Create a budget that suits the allocated fund.
- Design a layout and agenda of the event.
- Hire key volunteers and manage staff, as well as a special guest appearance.
- Negotiate and contract with vendors.

## **Achievements**

- Support 45 youth to start more than 20 tech startups.
- Advocate about the technological tools, applications and its possible usages in different aspects.
- Encouraging tech students and experts to be more collaborative and open to work in teams.
- Partnership with more than 20 partners and sponsors.

## **Chief Technology Officer at ChangeMakers**

**Aug. 2017 – Present**

### **Startup Overview**

- ChangeMakers is a Syrian Youth-led initiative aiming to provide young people with coding skills and develop their abilities to communicate effectively. It is funded by the UNFPA.

### **Responsibilities**

- Developing and directing initiative strategy.
- Leading a team consist of 15 volunteers.
- Design, develop and update the programming curriculum.
- Facilitate events and train participants.
- Develop technical aspects of the initiative strategy to ensure alignment with its goals.
- Supervising the development of an interactive learning platform and blog that advocate coding to youth.

### **Achievements**

- Partnership with 5 different initiatives, programs and entities.
- Lunching Arabic e-learning platform and Blog for teaching programming, design thinking and entrepreneurship.
- Development of programming curricula and algorithms for adolescents.
- Teach more than 50 youth coding and innovative thinking.
- Planning and setting up the first AI camp for non-technologists.

## **Program Organizer at Syrian Collegiate Programming Contest**

**Aug. 2016 – Oct. 2018**

### **Contest Overview**

- The International Collegiate Programming Contest, known as the ICPC, is an annual multi-tiered competitive programming competition among the universities of the world.

### **Responsibilities**

- My responsibilities have varied over the past years starting from volunteer, facilitator, mentor, organizer to a focal point for this contest.
- Tasks were centered on the preparation of the competition at the local and regional levels from team training and event organization.

### **Achievements**

- Organizing many programming contests at the national level.
- Mentoring and training participants.

## **Technical Associate at TEDxYPU**

**Nov. 2015 – Feb. 2016**

### **Initiative Overview**

- TEDxYPU is an event that bring together bright minds to give talks that are idea-focused, and on a wide range of subjects, to foster learning, inspiration and wonder - and provoke conversations that matter.

### **Responsibilities**

- Associate with all the technical needs for the initiative.
- Helping in the organization of the event.
- Developing and Designing Website.

### **Achievements**

- Being part of the organizing team for the first TEDx event in Syria.

## Others

- Judge in Generation Unlimited Competition | UNDP & UNICEF - Syria 2020
- Mentor in PeaceTech Youth Hackathon | Riyada for Social Innovation - Lebanon 2019
- Web Developer and Technical Associate | Scratch Day - Syria 2017
- Web Developer and Technical Associate | Be 100 Ragl - Syria 2016
- Organizing fairs and student activities | Yarmouk Private University - Syria 2015 & 2016

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, C#, Java, Python, ASP.NET MVC, HTML5, CSS3, JavaScript, JQuery, Django, Laravel, R.
- **Database Programming Languages:** MySQL, JSON, XML, SQL, LINQ, NoSQL, RDF.
- **Software Development Tools:** Visual Studio, Android Studio, Eclipse, NetBeans, R Studio, Aptana, CodeBlocks, Cisco Packet Tracer, Multisim, SQL Server Management Studio, Unity, CrypTool, Anaconda, WordPress, Arduino, Wamp, Firebase.
- **Big Data Tools:** Hadoop, Spark.
- **Data Mining Tools:** Visual Studio Business Intelligence, Knime.
- **Data Visualization Tools:** Power BI, Tableau, Gephi, Gapminder.
- **Team Management Tool:** Slack, Trello, GitHub.
- **Modeling and Design Tools:** Enterprise Architect, Visual Paradigm.
- **Operating System:** Windows, Ubuntu.

## CERTIFICATES

### Algorithms & Problem-Solving Competition

- ACM SYPUCPC | Third Place 2016
- ACM SYPUCPC | First Place 2014 & 2015
- ACM SCPC | Certificate of Achievement 2014 & 2015 & 2016

### Entrepreneurship Competition

- Jusoor Entrepreneurship Competition | Third Place 2018
- Khebrat Syria | Third Place 2016
- Startup Weekend Damascus | Third Place 2015

## TRAININGS

- Civic Sector Engagement and Capacity Development, Youth Perspective | UNDP, Syria 2019
- TOT on SDGs | UNDP, Syria 2019
- Statistics on Based Gender | UN ESCWA, Lebanon 2018
- Jusoor Entrepreneurship Bootcamp | BDD Beirut, Lebanon 2018
- ICTI Bootcamp for Entrepreneurship and Startups | ICT Incubator, Syria 2015

## CONFERENCES & WORKSHOPS

- Youth Leadership Program 6 | UNDP Arab States 2020
- Youth Leadership Program 5 | UNDP, Amman, Jordan 2019
- Women in data science | AUB Beirut, Lebanon 2018 & 2019
- Arabic Digital Content | SVU Damascus, Syria 2018
- Big Data & Cyber Security | LU Beirut, Lebanon 2018
- Facebook Developer Circles Beirut F8 | BDD Beirut, Lebanon 2018
- TechCrunch | BDD Beirut, Lebanon 2018
- ArabNet | Beirut, Lebanon 2018
- EGM on Innovation and Technology for achieving the 2030 Development Agenda | UN-ESCWA, Beirut, Lebanon 2017
- Google Development Group DevFest | AUB Beirut, Lebanon 2017

## BLOG ARTICLES

- The Digital Divide: a divide that increases with the spread of Covid-19 | ChangeMakers Blog 2020
- Artificial Intelligence and the path to superior intelligence | ChangeMakers Blog 2019