


Abdulwahab Sahyoun

United Arab Emirates

 abdu_sah@hotmail.com

 +971502619706

 [linkedin.com/in/abdulwahab-sahyoun-769b1057](https://www.linkedin.com/in/abdulwahab-sahyoun-769b1057)

Summary

An aspiring ML engineer who likes to string it all together: be it ideas from different disciplines, people from different teams, or applications from different industries. I have strong technical skills and an academic background in engineering, statistics, and machine learning.

My excitement lies in solving business problems with tailored data and algorithms and implementing complex ideas in human-centric solutions. I am able to jump across verticals to deliver high-performing AI solutions.

I worked as a technical consultant, improving products and services for clients by using advanced analytics, setting up big-data analytical tools (i.e. BigQuery), creating and maintaining models, and onboarding new data sets. I've taken on various leadership roles, including mentoring undergraduate interns and leading multidisciplinary teams of engineers across multiple companies and startups.

Competencies: System Architecture, Cloud Infrastructure, NLP, DevOps, spaCy, HuggingFace, Python (scikit-learn, NumPy, SciPy, pandas), PyTorch.

I also like meeting new people over a cup of coffee. Feel free to reach out any time.

Experience

Head of IT & Digitization

Liberty Investment Company L.L.C.

Apr 2019 - Dec 2020 (1 year 9 months)

- * Supervised & directed IT business strategies across 5 group companies.
- * Planned & designed ML & RPA solutions for the group, powered by the cloud.
- * Participated in all phases of various internal projects spread across 5 group companies.
- * Utilized a modern/clean financial platform deployed on-prem for IT budgeting & financial projection.
- * Trained top level managers from all departments on the basics of OAuth across apps & how to take security measures against it to protect Office 365 profiles & social media accounts.
- * Deployed a modern Document Management System on-prem with tagging & archiving.
- * Deployed ALPR on-prem that works with existing IR CCTV IP cameras at 91% accuracy.
- * Data dump cleansing and modeling for finance and service departments using Power BI.
- * Lead numerous projects from a technical standpoint by suggesting & improving their system architectures and helped in their implementations.
- * Migrated Liberty's old DMS data into a new cloud based system and set up third party integrations, enabling extended features.
- * Updated the inventory management system for IT, service & finance departments.
- * Upgraded Liberty IT help-desk to a cloud enabled portal with live chat, SMS & WhatsApp.
- * Helped plan an infrastructure where only thin clients are needed for a more modern and clutter free work space.
- * Upgraded to an ML enabled security solution that eliminates endpoint agents/sensors and monitors/controls all devices on the network.

- * Modernized customer feedback flow at the new Liberty Service Center reception by setting up feedback kiosks.
- * Maintained & troubleshot local AD and Azure AD services on local and cloud environments.
- * Traced critical mail & files using Security & Compliance tools such as eDiscovery.
- * Managed critical mail rules with Exchange online admin.
- * Introduced a modern task management platform for IT with real time collaboration & enhanced visuals.
- * Modernized existing excel sheets with Microsoft PowerApps.



Lead Architect & Founding Member

Maalexi

Jan 2019 - Dec 2020 (2 years)



Software Engineer

Liberty Investment Company L.L.C.

Dec 2017 - Apr 2019 (1 year 5 months)

- * Coded web apps, prepared marketing campaigns and digitized business processes using Python, JS, and third party platforms.
- * Maintained old mobile apps & their back-end, fixed app-breaking bugs.
- * Developed a PR application for managing employee information and company trade licenses.
- * Developed a bill parsing application for analyzing employee call patterns and call consumption by department.
- * Managed company SIM cards and packages on Etisalat B2B portal.
- * Deployed an open source project management solution and open source reporting server.
- * Trained employees on Office 365 and introduced new ways to utilize the platform effectively.
- * Trained employees on Google Marketing, Facebook Analytics and other similar platforms.
- * Performed network penetration tests and reported network vulnerabilities with all possible solutions.
- * Found new ways to reduce the costs of website hosting and email newsletters by up to 90%.
- * Managed all company domains and DNS configurations on Cloudflare and Etisalat NIC.
- * Helped plan company cloud migration.
- * Actively tested multiple endpoint security solutions on user devices.
- * Introduced a new document management solution.
- * Managed users' MFA on Office 365.
- * Managed users' Outlook signatures.
- * Created staff feedback surveys using Office 365 Forms.
- * Troubleshot mail flow issues using Office 365 Message Trace.
- * Utilized MS Flow to automate important alerts & fetch data from third party platforms.
- * Deployed all apps with Docker on Ubuntu server.



Software Engineer Technical Lead

AEBISS Inc.

Nov 2017 - Mar 2019 (1 year 5 months)



Co-founder and Lead Programmer

CG-Interactive LLC (FZC)

Nov 2015 - Nov 2017 (2 years 1 month)

Video games and software solutions startup.

- * Lead a team of interns across multiple game development projects.
- * Published a 2D platformer game called "Sweven" for Android/iOS/Steam & "Mystery VR" a virtual reality game on iOS/Android
- * Worked on games for HTC Vive with OpenVR framework
- * Developed custom mobile apps, AR/VR apps, and games for all major platforms using React Native and Unity3D



System Engineer Intern

Motorola Solutions

Jun 2016 - Aug 2016 (3 months)

Tasks/Achievements:

- *Set up and maintained network firewall between app servers and clients.
- *Worked with VMware ESXi and vSphere for server setup & maintenance.
- *Set up and demoed RoIP/RoLTE public safety applications running on mobile phones and handheld devices.
- *Worked on various public safety network topologies and architectures.



Software Engineer Intern

Omnix International

Jun 2015 - Jul 2015 (2 months)

Tasks/Achievements:

- *Software engineering practices
- *Developed apps with VB.NET, ASP.NET.
- *Developed REST API web services
- *Developed an Android mobile application with Java backend, XML frontend, and SQL Database (SQLite)

Education



MBZUAI (Mohamed bin Zayed University of Artificial Intelligence)

Master of Science - MSc., Machine Learning

Jan 2021 - Jan 2023

Research work: Scalable Arabic NLP Model



American University of Sharjah

Bachelor of Science (BSc), Computer Engineering

2012 - 2016

Specialization: Software Engineering

Licenses & Certifications



Essentials in JavaScript ES6 - A Fun and Clear Introduction - Udemy

UC-JONHFYTM

 **The Complete React Native and Redux Course** - Udemy
UC-8HDQVWMG

 **Machine Learning A-Z™: Hands-On Python & R** - Udemy
UC-W5TWFQAI


 **Node with React : Full Stack Web Development** - Udemy
UC-K6ECY0SV

 **11.117: Dashboarding Data with Dossiers** - MicroStrategy


 **11.119: Enterprise Applications** - MicroStrategy

 **AWS Summit Online 2020** - Amazon Web Services (AWS)

 **Natural Language Processing in TensorFlow** - Coursera
YB349H2BNLPX

 **NLP - Natural Language Processing with Python** - Udemy
UC-0bfbf023-d0de-4c9c-bc3a-c7e9d3bde133


 **HuggingFace Course** - Hugging Face

 **Introduction to Deep Learning | 6.S191** - Massachusetts Institute of Technology

Skills

System Architecture • Natural Language Processing (NLP) • Deep Learning • Machine Learning • Infrastructure • DevOps • CubeJS • Python • Cloud Computing • Cloudflare

Honors & Awards

 **IEEE Student Day 2016 - Senior Design Project Competition** - IEEE - AAU Abu Dhabi
May 2016
Participated in the IEEE Student Day 2016 Competition held in Al-Ain University (AD branch) and won second place in the Senior Design Project category.

 **MAC 2016 - Mobile Application Competition** - Khalifa University
Apr 2016

Participated in the Mobile Application Competition (MAC) 2016 organized by Khalifa University in Abu Dhabi



Honoured Student Grant

May 2014

Achieved the Dean's List Honoured Student Grant for achieving a GPA of 3.5 and above.



National Society of High School Scholars

Awarded The National Society of High School Scholars (NSHSS) certificate for high academic achievement and excellence in high school studies



Chancellor's List for the Academic Year 2015-2016 - American University of Sharjah