MALATH ANAYA

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EDUCATION

CARNEGIE MELLON UNIVERSITY

B.S. in Computer Science | Aug 2013 - Dec 2017

Minor in Business Administration

Minor in Mathematics

Dean's honors list: Fall'13 | Fall'16

CERTIFICATIONS

MICROSOFT CERTIFIED PROFESSIONAL - MCP
70-535 Architecting Azure Solutions | Nov 2018

MICROSOFT TECHNOLOGY ASSOCIATE - MTA
98-369 Cloud Fundamentals | Aug 2018

EUROPEAN INNOVATION ACADEMY
Diploma in Entrepreneurship | Jul 2016

EXPERIENCE

MICROSOFT

Intern | Apr 2018 - Jul 2018

Lead technical presentation and demonstration on Azure Stack, conducted architecture governance sessions, and created POCs (e.g Chatbot) to explain capabilities of Microsoft Azure to critical customers.

MoTC - TASMU SMART CITY

Project Coordinator | Sept 2017 - Feb 2018

Initiated collaborations and met with tech companies and potential solution providers. Discussed and evaluated technical solutions to liaison innovative partnerships for the Smart-City project (TASMU).

DIETHUB STARTUP

Chief Operations Officer | May 2017 - Aug 2017

Provided efficient technical suggestions and strategic plans, managed the day-to-day operations and maintained the overall flow of the company.

PROJECTS

NETWORK INTRUSION DETECTION SYSTEM (NIDS)

Carnegie Mellon | 2017

- Built a Machine Learning based model for NIDS. Trained on 1.2M data points and gives 99.9% accuracy.
- Applied various Machine Learning algorithms (e.g. Naïve Bayes, Decision Trees, Random Forests... etc.)

DRUG-INTAKE DETECTOR

Computational Forensics - Carnegie Mellon | 2017

Using speech recognition and voice analysis, built a drug-intake detector that gives 76.6% accurate predictions. Used coffee, and alcohol speech databases for preliminary analysis.

NETWORK FIREWALL DATA ANALYSIS

IT Department - Carnegie Mellon | 2014

Worked in collaboration with the CIO of CMUQ on the project of re-configuring the campus firewall. I developed an analyzer of the network connections.

SKILLS

Programming

- Python
- C
- Java
- SML
- SQL
- PowerShell
- C++
- HTML & CSS

Softwares

- Power BI
- Visual Studio
- Hadoop
- TensorFlow

Recognition

NeuroHackathon 2017 - 1st place winner

Carnegie Mellon BrainHub | Pittsburgh, US

- ML-based model to identify synapse characteristic that points to a genes associated with autism in mice.
- Built using Linear SVM, Logistic Regression and RF.
- Sponsors included Google and Janssen Neuroscience.

REFERENCES

Waqar Aziz | Cloud Solution Architect at **Microsoft**
waqar.aziz@microsoft.com

Siddhart Sibal | Vice President at **Accenture**
| Strategic Advisor at **TASMU**
ssibal@motc.gov.qa

HOBBIES

Horse Riding

Adventures

Volunteering

Design