Se ELNOUR (*D.o.B:* **1977-10-07**, *P.o.B:* **London**)

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Education Background

Date	Place	Qualifications
2021-Present	Goldsmiths, **University of London** London, UK.	**MSc [Master of Science] Data Science & FinTech**: researching below disciplines: *Subject* / *Year* / *Subject* / *Year* Blockchain Programming — **2021** / Data Programming in Python — **2021** Big Data Analysis — **2021** / Statistics and Statistical Mining — **2021** Financial Data Modelling — **2021** / Mathematics of Financial Markets — **2021**
2017-2021	School of Computing and Engineering, **University of West London** London, UK.	**BSc (Hons) 1st Class Degree**: achieved **98%** and **91%** in its **AI** (Artificial Intelligence) & **ML** (Machine Learning) examinations, respectively; and ultimately gained a [Bachelor of Science] **FIRST CLASS** Honours Degree in **Cyber Security**. *Subject* / *Year* / *Subject* / *Year* Machine Learning — **2019/20** / Advanced Cyber Security — **2019/20** Cyber Crime — **2019/20** / Enterprise Security Management — **2019/20** Final Project — **2019/20** / - / - Artificial Intelligence — **2018/19** / Application Security — **2018/19** Applied Cryptography — **2018/19** / Theory of Computation — **2018/19** Networks and Security — **2018/19** / Team Project — **2018/19** Information Systems — **2017/18** / Cyber Security in Society — **2017/18** Computer Architecture — **2017/18** / Algorithms and Data Types — **2017/18** Programming — **2017/18** / Mathematics for Computing — **2017/18** Final Year Project's Title: ***AI Democratization of AMR (Auto ML Realization): Decision Intel Foresights MLSecOps***.
2020-2021	School of AI, **Udacity / Microsoft** Washington, USA	**Nanodegree**: graduated a as an **ML (Machine Learning) Engineer** for Microsoft Azure, having been awarded Microsoft 1st ever scholarship for such ML Nanodegree, after winning its [Microsoft ML Scholarship 10,000 competitors'] **1st Innovation Award**. Final Capstone Project's Title: ***1st MLSecOps for a Novel Model-based IDS (Intrusion [Anomaly] Detection System)***.

Professional Experiences

Date	Place	Duties
Jan 13 – Jan 21	**1st Technology** U381, 95 Mortimer St. London, W1W 7GB, UK	***ML Engineer & Non-Executive Director***: with responsibilities for technically advising on all matters related to HCI, ML, AI and FinTech for clients that include finance institutions, industrial complexes and various UBI and/or poverty alleviation funds.
Jan 07 – Jan 13	**Madinah** 23 Crawford Street, London, W1H 1BY, UK	***CIO/CISO/Consultant***: technically consulting on multinational NGO / educational projects, with responsibilities for advising on all matters related to AI / ML / Cybersecurity's envisioning, planning, designing, implementation, and governance for clients of award-winning web presence and/or international institutional impact recognition.

Key Technical Skills

Programming	Python, Java, SPARK(Ada), C/C#, F#, .NET, VB, R, HTML5, MATLAB, LabVIEW & Fuzzy Control.
Robotics Sim.	Gazebo, OpenRAVE, RoboDK, SimSpark, Webots, V-REP, MRPT, NVIDIA Isaac & Microsoft RDS.
Databases	Cosmos DB, Hadoop, Spark, Databricks, Access 2019, SQL Server 2019, MySQL, XML & SPARQL.
Platforms	ROS (Robotics OS), PX4, YARP, Linux, Windows, Azure, AWS, GCP, OpenShift & OpenStack.
Modelling	Eagle, KiCad, gEDA, Ent Architect, System Modeler, Dynamics LCS, Visio, VS 2019 & AZDO.
Standards	Secure Controls Framework, CSA CCM, ISO 27001/27002/27017/27018, NIST CSF & 800-53/171.
Frameworks	ONNX, CNTK, NLTK, OpenCV, Weka, spaCy, MXNet, Gluon, TF2, Keras, Torch, SciKit & ML Kit.
Approaches	TOGAF, Prince2, PMP, COBIT, ISO20000, ITIL, Lean, Agile, Scrum, CMMI & DevSecOps.

References

Prof. Shanyu Tang, PhD (Imperial College), **Chair Professor** of Information Security (UWL), **shanyu.tang@uwl.ac.uk**
Dr. Liang Chen, PhD (Royal Holloway, Uni. of London), Cybersecurity **Course Leader** (UWL), **liang.chen@uwl.ac.uk**