

Fatih Uenal

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cybersecur.netlify.app/

EDUCATION

Data Science Fellowship (2021)

Quantitative Social Sciences, PhD (2017)

Faculty AI London
Humboldt University of Berlin

EXPERIENCE

Company: Log(N) Pacific

01/10/2023 – 29/02/2024

Title: Cyber Security Support Analyst (Intern – Part-time)

- Programmed and fine-tuned [deep learning and machine learning algorithms](#) (e.g., Pytorch, XGBoost, Random Forest, etc.) to detect and classify common network attack types (e.g., FTP-BruteForce, DOS-GoldenEye, BruteForce-XSS, SQL-Injection, Infiltration, BotAttack, etc.) on large dataset (over 6 million entries). Final models achieved over **99.99% accuracy** with low false positive and false positive rates.
- [Implement secure cloud configurations](#) using Azure Private Link, Network Security Groups, Microsoft Defender for Cloud, and Azure Regulatory Compliance for NIST 800-53, resulting in a **58%** reduction in security incidents over the same time interval
- Troubleshoot and support Microsoft Azure services, including Microsoft Sentinel (SIEM), Virtual Machines (Linux, Windows), Azure Monitor, and Azure Active Directory, resolving **40 issues** per week on average
- Set-up [Linux and Windows Virtual Machines](#) and configure security hardening measures on Microsoft Azure.
- Conducted security incidence analysis [formulating SQL queries](#), implementing filters, and extracting pertinent information from a database in accordance with specific criteria.
- Develop [KQL queries](#) to support Log Analytics workspace and Microsoft Sentinel, resulting in **26** new SIEM dashboards and workbooks
- Performed and analyzed unauthenticated and credentialed [vulnerability scans using OpenVAS](#) and Tenable Nessus. Remediated over **99.99%** of identified vulnerabilities, verified successful remediation through subsequent scans.
- Active Directory (Azure Entra) Management
- IAM management, configuration, installation in Azure

Company: University of Geneva

01/10/2021 - 31/12/2023

Title: Behavioral Data Scientist

- Conducted systematic literature review of over 16.000 scientific articles and quantitative meta-analysis to calculate average effect size (Hedges' g) of experimental communication interventions on behavior. Article in prestigious scientific journal *Nature Human Behaviour* (under review).
- Lead a [full-stack data science project using XGBoost in python](#) to investigate the most important features in predicting fossil fuel taxation preferences.
- Scientific consulting for the Energy Department, Etat de Vaud, Switzerland.

Company: Fossil Fuel Non-Proliferation Treaty Initiative

01/02/2021 - 01/10/2023

Title: Data Scientist

- Programmed and deployed interactive [dashboard](#) visualizing policy database on a cloud-based Linux virtual machine.
- Created and maintained fossil fuel supply policies database using [SQL querying and SQLite database](#).
- Developed an automation workflow for regular web-scraping to update databases.
- Programmed an [artificial neural network](#) for fossil fuel policy text classification.

Company: University of Cambridge

01/09/2019 - 01/09/2021

Title: Data Scientist

- Conducted research on misinformation dissemination in social media.
- Utilized machine learning algorithms on survey data to analyze predictors of decision making and behaviors.

Company: German Federal Ministry of Social Affairs

01/09/2018 - 01/09/2019

Title: Scientific Consultant

- Scientific consulting, survey methodology, and research

Company: Harvard University

01/08/2016 - 31/08/2018

Title: Data Analyst

- Survey methodology and online experiments
- Advanced statistical analysis (structural equation modeling, equivalence testing, A/B testing)
- Implemented data retrieval and analysis using SQL in Linux OS environment.

PROJECTS

<https://cybersecur.netlify.app/portfolio/>

SKILLS AND TECHNOLOGIES

IAM, Microsoft Office Suite, Help Desk, Ticketing System, Azure, Network Security Groups, Firewalls, ACLs (Access Control Lists), Virtual Machines, Virtual Networks, Cloud Computing, Active Directory, File Permissions, Windows 10, SIEM, Sentinel, OpenVAS, Tenable Nessus, tcpdump, Wireshark

Programming: Python, R, SQL, KQL

OS: Windows, Linux, Mac

CERTIFICATIONS

[Google Cybersecurity Professional](#)

[Harvard Data Science Professional](#)

CompTIA Security+ (Expected 06/24)

Microsoft Certified: Azure Fundamentals (Expected 08/24)

Microsoft Certified: Azure Security Engineer Associate (Expected 10/24)

LANGUAGES

German: Mother tongue

Turkish: Mother tongue

English: Advanced

French: A2