

EXPERIENCE:

Intern Cyber Defense Engineer

Sep 2023 - Present

NATO (North Atlantic Treaty Organization), Mons, Belgium

- Upgraded the documents that are used to Audit the CIS (Computer Information Systems). Specifically for: IoT security, Cloud Security and ML/AI Systems Security.
- Created cyber security prediction reports and flyers for all cyber security stakeholders to warn about the possible new threats about new cyber security topics.
- Used Technologies: ISO - 27001, Python, RegEX, NIST 800-53, NIST 800-145, NIST 500-291, NIST 800-213A, NIST AI RMF 1.0, NIST AI 600-1, Wireshark, Splunk

Part time software engineer

Nov 2022 - May 2023

TAI (Turkish Aerospace Industries), Ankara

- Deployed a machine tracer platform for the factory.
- Optimized AI supported Aircraft parts recognition system.
- Used Technologies: Node.JS, HTML, JavaScript, CSS, Bootstrap, KEPserverEX, Azure **cloud**, Apache Server, Python, OpenAI, TensorFlow, PyTorch, Git, Github, Docker, Microservices, PostgreSQL, Wireshark, Splunk

Intern Software Engineer

Jul 2022 - Aug 2022

Aselsan, Ankara

- Developed a platform that can automatically generate weekly work plans for employees.
- Used Technologies: C#, .NET, Mongo-DB
- Payed Internship

Intern Software Engineer

Jun 2021 - Sep 2021

Savronik, Ankara

- I coded a platform to test platform for the long-term project.
- Debugged the specific parts needs time for debug, and Created an example docker container able to run projects written with JavaFX, Java and PostgreSQL.
- Used Technologies: Java, JavaFX, TCP/IP, PostgreSQL, Docker, Wireshark
- Payed Internship

EDUCATION:

Bachelor of Engineering (B.E.) - Computer Engineering

Sep 2019 - Jul 2023

TED University, Ankara

- Finished with high honor (3.77 GPA) (Secondary Field is Applied Data Science)
- Worked at my final project on AI based de-hazing programs in an infrared camera.

Activities and societies: CYBER TEDU - Member and Assistant

Secondary Degree (B.E.) – Applied Data Science

Sep 2019 - Jul 2023

TED University, Ankara

- Finished with high honor (3.77 GPA) (Secondary Field is Applied Data Science)
- Focused on virtualization and ML Algorithms by using Python and R.

SKILLS:

Software Engineering Related: Java, C#, JavaScript, HTML, CSS, Node.JS, Bootstrap, Data structures, Algorithms, Assembly (MIPS), Spring boot, DOM, EJS, Github, Git, React.JS, JQuery, REST, SOAP, Relational Databases (PostgreSQL, MicrosoftSQL) , Non-relational Databases (MongoDB), OOP, JavaFX, Python, Design patterns, SOLID Principles

System Engineering and Virtualization: Theoretical Operating System, Linux (Ubuntu, Kali), Oracle VM VirtualBox, Cloud Auditing and General infrastructure, Computer Networks, Docker, Windows(7,8,9,10,11), Wireshark

IoT: KepserverX

Cyber Security and CIS Auditing: ISO - 27001, NIST 800-53, NIST 800-145, NIST 500-291, NIST 800-213A, NIST AI RMF 1.0, NIST AI 600-1, AI/ML Systems security and their penetration tests, Web and Network Penetration Testing(nmap, Metasploit, Nessus, Kali Linux, sqlmap) , Training set optimization, Adversarial attacks,SOC Analyst – Tier 1(Splunk, Elastic Search) Development of Adversarial Attacks,

Data Science: Matplotlib, R

Most Important Certifications:

Certification	Lessons and Technologies Learned	Link
CCNA	Virtualization, Network Automation Basics, Network Address Translation (NAT), Dynamic Routing, Quality Of Service (QoS), Security Threat Mitigation	https://www.credly.com/badges/b36ae222-435b-4d8e-8bdf-51a3dfe9787a/linked_in_profile
CyberOps Associate	Splunk, Onion , Elastic Search Attack Methods, Security Monitoring, Security Concepts, Incident Response, Host-based Analysis, Network Attacks	https://www.credly.com/badges/4a0f3976-c520-47e2-8b74-fb1650d02ba1/linked_in_profile

Note: Complete list of certifications is at my LinkedIn page:

<https://www.linkedin.com/in/umay-samli-5419b51bb/>

REFERENCES (Connection info will be provided if needed.):

First Name	Ulaş
Last Name	GÜLEÇ
Relationship	Algorithms and Data Structure Professor
Job Title	CEO at Simovate / Assistant Professor at TED University / Project Consultant at Simsoft

First Name	Burak
Last Name	Ekici
Relationship	Theorh of Automata Professor
Job Title	Senior Research Associate at Department of Computer Science

First Name	Holger
Last Name	Spohn
Relationship	Head of J2 X IA Information pillar head / My Boss
Job Title	CIS Security Supervisor at NATO

Projects Maybe you want to check out:

Project Name	Project Explanation	Links	
FHR - (Fog and Haze Remover)	AI/ML Supported Haze remover research platform mainly to find an algorithm can remove haze at %80 haze	Page of FHR	https://github.com/samliumay/FHR
HRMS - (Human-Resource-Management-System-with-JFoenix)	A strong human resources management system. Developed by us to learn software engineering principles, SDLC and MVC. Highly useful and	Page of HRMS	https://github.com/samliumay/HRMS
DSAA - Data Structures and Algorithms	Decided to cover up all the Data structures and Algorithms we learned by implementing them and explaining them. With Questions and Explanation available assisted with the YouTube videos.	Complexity	https://github.com/samliumay/DSAA-Complexity
		Linked List	https://github.com/samliumay/DSAA-LinkedList
		Double Linked List	https://github.com/samliumay/DSAA-DoubleLinkedList
		Stack	https://github.com/samliumay/DSAA-Stack
		Queue	https://github.com/samliumay/DSAA-Queue
		Trees	https://github.com/samliumay/DSAA-Trees
		Hash tables	https://github.com/samliumay/DSAA-HashTables
		Graphs	https://github.com/samliumay/DSAA-Graphs
		Heaps	https://github.com/samliumay/DSAA-Heaps
		Recursion	https://github.com/samliumay/DSAA-Recursion
		BST Recursion implementation	https://github.com/samliumay/DSAA-RecursionBasedBinarySearchTrees
		Tree traversal	https://github.com/samliumay/DSAA-TreeTraversal
		Basic Sorts	https://github.com/samliumay/DSAA-BasicSorts
		Merge Sort	https://github.com/samliumay/DSAA-MergeSort
		Quick Sort	https://github.com/samliumay/DSAA-QuickSort
		Dynamic Programing	https://github.com/samliumay/DSAA-DynamicPrograming
		Questions and Exercises	https://github.com/samliumay/DSAA-Exercises