

Umay SAMLI

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EDUCATION

Bachelor of Engineering (B.E.) - Computer Engineering TED University, Ankara	Sep 2019 - Jul 2023
<ul style="list-style-type: none">Finished with high honor (3.77/4 GPA) (Top 10 in 200 people)Worked at my final project on AI based de-hazing programs in an infrared camera.CYBER TEDU – Assisting the projects, lessons and seminars.	
Secondary Degree (B.E.) – Applied Data Science TED University, Ankara	Sep 2019 - Jul 2023
<ul style="list-style-type: none">Data virtualization, ML and algorithm optimization was my focus.	
Focused on virtualization and ML Algorithms by using Python and R.	

EXPERIENCE

Intern Cyber Security Engineer – NATO	Sep 2023 – Present
<ul style="list-style-type: none">CIS systems technical and non-technical auditing documentations developed.Cyber Security stakeholders supplied about incident flyers, prediction reports and possible thread reports.Developed Skills: CIS Security Framework development(NIST800-53, ISO27001), AI Security Framework Development(NIST AI-RMF 1.0, NIST AI 600-1)	
Founder – Kuzey	Jun 2024 – Present
<ul style="list-style-type: none">IT Services and IT ConsultingServices: Cyber Security Consultation, Cyber Security Courses (For beginners and kids), Coding Courses (For beginners and kids), Networking Courses (For beginners), AI/ML Security courses.Developed Skills: Teaching, SaaS platforms for teaching, Replit	
Part Time Software Engineer – Turkish Aerospace Industries	Nov 2022 – May 2023
<ul style="list-style-type: none">Deployed a machine tracer platform for the factory.Optimized AI supported Aircraft parts recognition system.Developed Skills: NodeJS, HTML, JavaScript, CSS, Bootstrap, KEPserverEX, Azure cloud, Apache Server, Python, OpenAI,, Git, Github, Docker, Microservices, PostgreSQL, Wireshark, Linux – Ubuntu	
Intern Software Engineer – Aselsan	June 2022 – Aug 2022
<ul style="list-style-type: none">Developed a platform that can automatically generate weekly work plans for employees.Developed Skills: C#, .NET, Mongo-DB	
Intern Software Engineer – Savronik	Jul 2022 – Aug 2022
<ul style="list-style-type: none">Developed automated tests for the ‘Ankara’s train control system’.Developed a ‘train control systems tester’ for ‘Ankara’s train control system’.Deployed the ‘train control systems tester’ to Docker container.Deployed the basic network structure for ‘train control systems tester’.Developed Skills: Java, JavaFX, TCP/IP, PostgreSQL, Docker, Wireshark	

Certifications (Most Important Ones) (Full List is at my website)

CCNA¹

- Skills: Networking, TCP/IP, UDP, OSI Layers, Switch configuration, Router configuration, ARP, Computer Network Security, Topologies, NAT/PAT, VPN, Tunneling

CyberOps Associate²

- Skills: Splunk, CIA, Thread Hunting, Malware Analysis, Access control models, IDS, IPS, Firewalls Proxy logs, Antivirus, NIST.SP800-61, Security Onion

References

Holger Spohn

- Title: CIS Security Supervisor at NATO / Head of IA Pilar of J2 X IA
- Mail: spohni@aol.com / Holger.SPOHN@shape.nato.int

Burak Ekici

- Title: Senior Resarcher at Oxford
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Ulas Gulec

- Title: CEO at Simovate / Assistant Professor at TED University / Project Consultant at Simsoft
- Mail: ulas.gulec@tedu.edu.tr
- Phone Number: +90 535 765 60 01

Kadri Yetis

- Title: Chief Technology Officer, VP of Software Engineering, MS
- Phone Number: +90 533 454 17 99

Projects

DSAA – Data structures and Algorithms full Lesson

- Writed most used **algorithms and data structures. Video lessons** will be available at superpeer (In Turkish and English). However, the codes and basic explanation will be available on GitHub. You can go at check details from personal web site³.
- Developed Skills: Data Structures and Algorithms, Git, Github, Replit, Teaching

FHR - Fog and Haze Remover

- Final Project for graduation. Project aimed to test different type of **Dehazing algorithms** to have a clear image in **%80 fog**. Deployed manual dehazing algorithms and **ML based dehazing algorithms**. Created a platform to test the **algorithms in real time. Deployed equations to show the accuracy** of the Algorithms. You can check the details from my personal website³.
- Developed Skills: ML Algorithms, Image Processing, Tactical Systems Development, Real time systems, Dehazing Algorithms,

HRMS - Human Resources Management Project with JFOenix

- We applied MVC design pattern and test the knowledge about SRS implementation use cases ext. Also we deployed the back-end and front-end of the program. This was a project to learn and practice software engineering principles. You can check the details from my personal website³.
- Developed Skills: Design Patterns, Use cases, UML Diagrams, UX/UI Design, SRS Development

¹ https://www.credly.com/badges/b36ae222-435b-4dbe-8bdf-51a3dfe9787a/linked_in_profile

² https://www.credly.com/badges/4a0f3976-c520-47e2-8b74-fb1650d02ba1/linked_in_profile

³ <https://github.com/samlumay>