Umay SAMLI

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EDUCATION

Bachelor of Engineering (B.E.) - Computer Engineering Sep 2019 - Jul 2023

TED University, Ankara

* 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 Sep 2019 - Jul 2023

TED University, Ankara

* Data virtualization, ML and algorithm optimization was my focus.

Focused on virtualization and ML Algorithms by using Python and R.

EXPEREINCE

Intern Cyber Security Engineer – NATO Sep 2023 – Present

* 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

* IT Services and IT Consulting
* Services: 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

* Deployed a machine tracer platform for the factory.
* Optimized AI supported Aircraft parts recognition system.
* Developed Skills: Node.JS, 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

* 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

* 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)

CCNA[[1]](#footnote-1)

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

CyberOps Associate [[2]](#footnote-2)

* Skills: Splunk, CIA, Threadh 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](mailto:spohni@aol.com) / [Holger.SPOHN@shape.nato.int](mailto:Holger.SPOHN@shape.nato.int)

Burak Ekici

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Ulas Gulec

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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 site[[3]](#footnote-3).
* 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 [↑](#footnote-ref-1)
2. https://www.credly.com/badges/4a0f3976-c520-47e2-8b74-fb1650d02ba1/linked\_in\_profile [↑](#footnote-ref-2)
3. https://github.com/samliumay [↑](#footnote-ref-3)