

Alper Şahin

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Education

Koç University

Bachelor of Science: Computer Engineering

GPA: 3.74/4.00

Track Programs: Artificial Intelligence, Data Analytics, Cryptography-Security-Theory

Ranked 2012th in Nationwide University Entrance Exam among 2 million students.

Istanbul

09/2021 – 06/2025

Koç University

Bachelor of Arts: Economics

Double Major, GPA: 3.81/4.00

Track Programs: Finance, Macroeconomic Policy and Financial Markets

Istanbul

10/2022 – 06/2025

Besiktas Ataturk Anatolian High School

High School Diploma, Graduation Grade: 95.88/100

Istanbul

2017 - 2021

Experience

Albert Health

Software Engineering Intern

Contributed to backend development of Albert application using microservices architecture:

- Built RESTful APIs and business logic using Spring Boot and JPA/Hibernate
- Implemented event-driven communication patterns with Apache Kafka
- Utilized Grafana and Graylog for application monitoring and logging
- Learned authentication flows using Keycloak
- Practiced deployment workflows with AWS and Rancher, utilized Docker and Kubernetes for containerized microservices.

Istanbul

08/2024 – 01/2025

Softtech

Software Engineering Intern

- Contributed to the front-end development of [Lokum](#) application using React and Next.js, enhancing user interfaces and improving application performance.

Istanbul

04/2024 – 07/2024

Chargise

Co-Founder

- Chargise is a platform designed to inform and facilitate interactions for electric vehicle users while providing solutions to charging issues, media services and newly developed charging solutions. I analyzed shortest path algorithms for EV charger route optimization and contributed to website development.

Istanbul

09/2023 – 03/2024

Garanti BBVA Teknoloji

Software Engineering Intern

- Developed RESTful APIs (Java, Spring Boot, Spring Framework, OracleSQL, gRPC) and contributed to a Batch service by implementing data-organization algorithms and unit tests (JUnit/Mockito)

Istanbul

07/2023 – 08/2024

Leadership & Activities

Marketing Club of Koc University

Istanbul

Executive Board Member of Social Affairs Committee

05/2024 -

- Spearhead the organization of social activities for 800+ club members, overseeing event planning, logistics and communication to create engaging and enjoyable experiences for all participants.

Koç University Entrepreneurship Research Center

Istanbul

Member of KWORKS Experience Program

12/2023 – 02/2024

- I had the opportunity to immerse myself in the KWORKS ecosystem, gaining hands-on experience in startup acceleration programs, collaborating directly with KWORKS experts.

Bilgiyi Ticarileştirme Merkezi

Istanbul

Member of BTM Kamp Program

10/2023 – 03/2024

- I participated in a program designed to support entrepreneurs in transforming innovative ideas into viable business models and becoming integral parts of the entrepreneurship ecosystem.

Koc University Diving Club

Istanbul

Active Member

10/2021 -

- Traveled to various coastal regions in Turkey, honing scuba diving skills and exploring diverse marine ecosystems under the guidance of experienced instructors.
- Collaborated with club members to plan dive trips, prioritize safety protocols, and foster a shared passion for underwater exploration and marine conservation.

Skills & Interests

Technical: Python, Java, C, React/Next.js, Spring Framework, Kafka, Junit/Mockito, HTML/CSS, JavaScript, Node.js, RDBMS, MySQL, PostgreSQL, Oracle SQL Developer, MongoDB, JPA/Hibernate, Microservices Architecture, Docker, Kubernetes, AWS S3, AWS ECS, Rancher

Interests: AI, Entrepreneurship, Finance, Scuba Diving, Machine Learning

Languages: Turkish (Native), English (Fluent)