

Atlas Deha Coşan

cosanatlas@gmail.com | [LinkedIn](#) | [Github](#) | www.atlascosan.com | Istanbul, Turkiye | +90 (539) 720 19 77

EDUCATION

Sabancı University

Istanbul, Turkiye

Bachelor's of Science, Computer Science & Engineering

(October 2022, *Expected Graduation: Jan 2027*)

(*Coursework in data structures, database systems and ML.*)

City University of Hong Kong

Hong Kong SAR

Bachelor's of Science, Computer Science & Engineering

(September 2025, December 2025)

(*Coursework in algorithms, operating systems and computer networks.*)

WORK EXPERIENCE

Outlier & Aligned

(*Freelance, February 2025 - Present*)

Delivered custom AI solutions as a freelance engineer, leveraging LangChain, OpenAI API, and HuggingFace. Built production-ready RAG systems, multi-agent pipelines, and engineered workflows for clients in finance & SaaS.

Atlas Cosan LLC

(*Founder & Operator, February 2025 - Present*)

Founded and operated an LLC, generating 8000\$ of revenue, in New Mexico. Implemented data-driven digital marketing campaigns, SEO/SEM strategies and automated sales pipelines to maximize revenue and customer acquisition.

Tacirler Yatırım Menkul Değerler A.Ş.

(*Internship, August 2024*)

Helped develop and implement an SQL database using C# and .NET for a web-based application, improving data management efficiency. Set up both virtual and physical servers to support the deployment of the application.

PROJECTS

EV Routing with Charging While Driving (Graduation Project) - [Drive Folder](#)

Developed a MILP formulation for the EVRP with dynamic ERS-based charging, incorporating battery state-of-charge constraints. Cross-compared routing algorithms, with Python/Gurobi-based exact solving and an ALNS metaheuristic.

Song2Vec Music Recommendation System using Word2Vec - [Drive Folder](#)

Applied embedding techniques to build a music recommender trained on 30Music Dataset. Implemented a Skip-gram model in Python with Gensim, conducted hyperparameter tuning, negative sampling, and training epochs to improve HR@10 from 2.84% to 7.20%. Designed an evaluation pipeline and performed cold-start analysis to identify key failures.

Data-Driven Youtube Algorithm Performance Analysis - [Github](#)

Leveraged data science to show how creative effort affects YouTube performance. Integrated YouTube Analytics (via APIs) with time-tracking data to find correlation between effort and engagement. Used hypothesis testing across videos.

Full-Stack E-Commerce Clothing Platform - [Github](#)

Built a full-stack e-commerce clothing platform using React, Node.js, and MongoDB, following Agile development practices across a cross-functional team. Implemented Docker and docker-compose with a RESTful API architecture.

Cross Platform Food Delivery App using Flutter/Dart - [Github](#)

Engineered a cross-platform food delivery mobile app (iOS & Android) using Flutter and Dart, with Figma-designed UI/UX prototypes. Followed Agile sprints in a team, integrating real-time data handling, and CI/CD-compatibility

SKILLS & LANGUAGES

Turkish (Native), English (Full Professional Proficiency), C++ , Python, Javascript, Node.js, React, SQL, MongoDB, Git, Rest API's, Docker, Kubernetes, DevOps, Agile, Scrum, LangChain, HuggingFace, RAG, ChatGPT API, Flutter, Dart