

Sahin Uregil

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github.com/regsah | sahinuregil.com | [Google Scholar](https://scholar.google.com/citations?user=...)

EDUCATION

Institut Polytechnique de Paris

Master of Science in Engineering

- Admitted to the **Telecom Paris** engineering program (Diplôme d'Ingénieur)

Expected Graduation June 2028

Palaiseau, France

Galatasaray University

Bachelor of Science in Computer Engineering

- Cumulative GPA: **3.86/4 - (Ranked first in the department and the faculty within 157 students)**

Graduated June 2026

Istanbul, Turkey

AWARDS & HONORS

- France Excellence Eiffel Scholarship Laureate:** selected for graduate study in France by the French Ministry **2026**
- GSU İnan Kirac First Place Award:** Ranked first in the computer engineering department by CGPA **2026**

WORK EXPERIENCE

Base64 Document AI

Part-time Software Engineer

Oct 2025 - Present

New York, USA (Remote)

- Developed document processing features in a React-based application, working across UI and backend integrations.
- Increased automated testing coverage by 11% after designing and implementing 2 new E2E Cypress test suites.
- Used Sentry to monitor, reproduce, and debug runtime issues in production.
- Supported CI/CD workflows using GitHub Actions and worked with Docker-based development environments.

TEB Arf | TEB R&D (BNP Paribas Joint Venture)

Software Engineering Intern

Jul 2025 - Sep 2025

Istanbul, Turkey

- Built an XGBoost-based machine learning pipeline to predict 12-month loan default risk, achieving an 81% ROC-AUC.
- Developed a full-stack application enabling voice/text query input using React, FastAPI and SQLAlchemy.

Kariyer.net

Research and Development Intern (Long-Term)

Jul 2024 - Jun 2025

Istanbul, Turkey

- Engineered agentic AI systems to extract structured web data and deduplicate company records for data integrity.
- Created a market intelligence tool using web trend analysis and clustering.
- Developed a hybrid ranking algorithm with vector search, increasing Elasticsearch result relevance by 47%.

PUBLICATIONS & RESEARCH

- Web-Based Data Enrichment Using Multi-Agent AI for Enhanced Company Clustering | [IDSTA 2025, IEEE Xplore](#)
- An Analysis On The Link Between Crude Oil And Technology | [Transactions on Computer Science and Applications](#)
- Recommendation of Wikipedia articles using graph neural networks | Final-Year Thesis

PROJECTS

RIVET

From-scratch RISC-V execution target in C with logic components, state, tests, and planned RV32I decode/execution.

May 2026 - Present

Recommendation System for Scholars and Startups | [Tubitak 1505 Program](#)

Built the API and contributed to a Graph-LLM recommendation system for matching users with consultants and companies.

Jun 2024 - Jan 2025

AgriGuide | [Tubitak 2209-A](#)

Developed a CNN/transfer-learning module to classify soil types from images for crop recommendation.

Oct 2023 - Sep 2024

SKILLS

- Programming:** Python, JavaScript/TypeScript, C/C++, Java
- AI & Data Science:** PyTorch, XGBoost, NLP, CNNs, LangChain, Time-Series Analysis, Clustering, SHAP, Optuna
- Web & Backend:** React, FastAPI, Node.js, REST APIs, SQLAlchemy, Bootstrap, Electron
- Databases & Search:** SQL, MongoDB, Elasticsearch, Vector Search
- DevOps & Automation:** Git, Linux, Bash, Docker, Kubernetes, Sentry, Cypress, Selenium, pytest, GitHub Actions
- Languages:** Turkish (Native), English (IELTS 8.0/C1), French (DELF B2)