

Iason Stavros Somoglou

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EDUCATION

Vrije Universiteit

Amsterdam, Netherlands

Bachelor of Science in Artificial Intelligence

Expected July 2026

- **Relevant Coursework:** Computational Intelligence (Neural Networks and Machine Learning), Statistical Methods (Data Predictions), Machine Learning, Text Mining (NLP methods and Data processing)

ACS Athens

Athens, Greece

High School and IB Diploma

Sept 2015 - Jul 2021

- **Relevant Coursework:** IB Diploma, Higher Level Mathematics, Higher Level Computer Science, English B
- **Activities:** Varsity Volleyball, Varsity Track and Field, Incubator Council, Vice President 11th Grade

DISTINCTIONS

- Forbes 30 Under 30 Greece (2021) — for robotics achievements
- Honoured by the Prime Minister and President of the Hellenic Republic for robotics achievements
- WRO (World Robot Olympiad) — competed at world finals (7th in the world); 1st place at Greek National Competition
- IRO - Assistant coach for team that placed 1st in the world in South Korea
- First Global Challenge — Bronze Award, Engineering Design
- Patent holder: Apparatuses and Systems for an Assistive Cane for the Visually Impaired
- [Shanghai Youth Science and Technology Expo](#) — Gold Medal in Judges, Audience and Invitational Tournament awards

PROFESSIONAL EXPERIENCE

Tesla

Amsterdam, Netherlands

Applied AI Integrations Intern (Full Time)

March 2025 - Nov 2025

- Owned an end-to-end NLP service mapping free-form user complaints to vehicle diagnostics, from data pipeline to deployment. Collaborated closely with a Staff Engineer on architecture decisions.
- Designed the data pipeline and PostgreSQL database schema for ingesting complaint text and telematics data, and for storing transformer-based embeddings used downstream for semantic search and intent classification.
- Built CI through Jenkins for the data pipeline; containerised inference with FastAPI + Docker and shipped to Tesla's internal Kubernetes cluster.
- Trained transformer models and fine-tuned sentence-transformer embeddings; integrated them into the production service with low-latency inference in mind.

SkillLab.io

Amsterdam, Netherlands

Python Engineering Intern (Full Time)

April 2024 - March 2025

- Maintained and extended a production recommender system over a user-skills database — BERT-based matching with cosine similarity. Diagnosed and fixed bugs in the existing pipeline, upgraded library versions, and shipped changes to production.
- Worked across the standard backend toolchain (Git, code review, deployment) and coordinated with the engineering team via JIRA and Confluence.

Ernst and Young(EY)

Athens, Greece

Data Science Intern (Full Time)

July 2023 - Aug 2023

- Built an internal prototype framework (Python notebooks and scripts) for evaluating Large Language Models against domain-specific tasks: a consultant could specify an industry or use case (retail, coding, etc.) and run the scripts to get comparative model scores.
- Designed metric and dataset abstractions so new evaluation tasks could be added without modifying core code.

PROJECTS

[Deep-Q Learning for Schnapsen](#)

Amsterdam, Netherlands

- PyTorch DQN with custom Q-value approximation for discrete actions in the partially-observable card game Schnapsen. Built a custom RL environment supporting batch training, self-play, and ϵ -greedy exploration with decaying epsilon scheduling.

Blue Origin New Shepard Capsule

Texas, USA

- Designed and built a sealed experiment payload that performed viscosity measurements during two suborbital flights aboard Blue Origin's New Shepard (May 2019, December 2019). Co-authored the team's writeup of the methodology and results.

SKILLS, LANGUAGES & INTERESTS

Skills: PyTorch, Python, C++, Tensorflow, Docker, Git, Reinforcement Learning, NLP, Pandas, OOP, Neural Networks, Transformers, PostgreSQL, Kubernetes, Jenkins, FastAPI, REST APIs, SQL

Languages: English, Greek, Spanish

Interests: Robotics | Martial Arts | Electronic Music Production | Chess | Piano | Volleyball