

Aimilios Hatzistamou

aimilios@hatzistamou.com | +44 (0)7568 958393 | linkedin.com/in/aimilioshatzistamou

EDUCATION

Imperial College London,

2017 – 2021 | London, United Kingdom

MEng Electrical and Electronic Engineering

Dean's List in the EEE Department, awarded to the top 5% of students for academic excellence.

Courses: Deep Learning, Advanced Signal Processing, Optimal Control Theory, Optimization, Probabilistic Inference.

Thesis: *Learning robotic manipulation of deformable objects through causal discovery (work in progress).*

Lycée Franco-Hellénique Eugène Delacroix,

2008 – 2017 | Athens, Greece

French Baccalauréat (Highest Honours)

Nominated for the Concours Général in Mathematics and Physics. Ranked 6th in French Geosciences Olympiad (AEFE).

PROFESSIONAL EXPERIENCE

Tesla Motors, Machine Learning Intern

Jul 2020 – Sep 2020 | Remote

Original offer for Autopilot AI intern position (in Andrej Karpathy's group) cancelled due to COVID-19.

- Designed and implemented Tesla's first machine learning prognostics system. Achieved 0.91 AP score in predicting vehicle failures from fleet logs.
- Generated ~\$5M/month in cost savings by building an inference pipeline that proactively dispatches mobile service.

WisePricing, Founder

Jul 2016 – present | London, United Kingdom

- Created a price monitoring and optimization platform used by retail businesses internationally.
- Led both product and sales efforts, working with a team of freelancers and liaising directly with clients, investors.
- Designed large-scale crawling and data management systems that have collected over 100m price points.

Tesla Motors, Vehicle Software Intern

Jun 2019 – Sep 2019 | San Francisco Bay Area

- Analysed petabytes of fleet data to evaluate the health and performance of the Electric Power Assisted Steering (EPAS).
- Raised new firmware issues with the EPAS supplier and conducted an interview for a machine learning intern position.

Goldman Sachs, Technology Spring Intern

Apr 2019 – Apr 2019 | London, United Kingdom

- Shadowed multiple divisions. Designed tool to facilitate access to client details, team awarded 1st prize by panel of MDs.

Audi AG, Autonomous Driving Cup

Jun 2018 – Nov 2018 | London & Ingolstadt

- Among the 10 teams in Europe nominated by Audi to participate in the 2018 Cup.
- Supervised by Dr. Petar Kormushev, Director of Robot Intelligence Lab at Imperial.
- Competed against PhD students in developing autonomous software for a 1:8 scaled-down model of the Audi Q2.

Self-Employed, Freelance Consultant

May 2013 – present | London & Athens

- Developed websites for businesses, charities and individuals (e.g. www.standtall.org, www.cantini.gr).
- Built process automation tools to increase operational efficiency and managed Linux servers for businesses.
- Helped coordinate the development of a popular Greek e-commerce website (www.athensproaudio.gr).
- Worked with three senior investment bankers to refine their financial data analysis skills.

Qualco, Big Data Intern

Jun 2016 – Jul 2016 | Athens, Greece

- Modelled repayment on large debt collection portfolios with accuracy exceeding 75%.

OTHER HONOURS & AWARDS

- 1st prize at **ICHack 2019** (largest UK student-run hackathon), at the **Imperial College Data Challenge** and at **ICRS FoodHack**.
- "Best 2nd Year Project"**, awarded for building an ultra-fast supermarket checkout using UHF RFID technology.
- Selected to attend Princeton's **Business Today International Conference** (129 students from a pool of 2000 applicants)
- Received **Old Centralians' Trust** award for work on the Audi Autonomous Driving Cup.

SKILLS

Technical (Tensorflow, Keras, OpenCV, Cloud (AWS, Azure), Pandas, NumPy, Bokeh, Airflow, Spark, Hadoop, Presto, Scrapy, Selenium, Bash, Git, Jupyter, Docker, SQL, Redis, PyTest, React, HTML5, CSS3, Django, Flask)

Programming Languages (Python – 5, C++ – 3, Javascript – 3, F# – 2, Matlab – 2, Scala – 1)

Languages (French, Greek, English, conversational Spanish, studied Latin)

INTERESTS

Street photography, Aikido, Callisthenics, Drums & Percussion, Psychology, Chess