

Aimilios Hatzistamou

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EDUCATION

Imperial College London, 2017 – 2021 | London, United Kingdom
MEng Electrical and Electronic Engineering (First Class Honours)

Dean's List in the EEE Department, awarded to the top 10% of students for academic excellence.

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

Thesis: *Learning causal state representations from video (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. Completed six Coursera MOOCs on Deep Learning.

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 forecasted savings by building an inference pipeline that proactively dispatches mobile service.

WisePricing, Founder Jul 2016 | London, United Kingdom

- Created a price 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).
- Tracked new firmware issues with the EPAS supplier and interviewed Stanford students for a machine learning intern role.

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 to participate in the 2018 Cup, supervised by Dr. Petar Kormushev.
- Competed against PhD students in developing autonomous software for a 1:8 scaled-down model of the Audi Q2.
- Focused on the vision systems to tackle tasks such as lane detection, object detection, localisation, parking.

Self-Employed, Freelance Consultant May 2013 – Sep 2019 | London & Athens

- Developed websites for businesses, charities and individuals (e.g. www.standtall.org, www.cantini.gr).
- Worked with three senior investment bankers to refine their financial data analysis skills.
- 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).

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** (150 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 - 10, C++ - 7, Javascript - 7, F# - 4, Matlab - 4, Scala - 2)

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

INTERESTS

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