Aimilios Hatzistamou

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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 10% 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