

Argyrios Georgiadis, PhD

Data Scientist | Machine Learning Specialist
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Profile

Data Scientist with a PhD in Physics and 3.5+ years of industry experience applying machine learning to real-world problems, particularly in gaming. Skilled in behavioral modeling and predictive analytics, with a proven track record of building models that drive marketing performance and revenue growth. Creative and analytical thinker with a background in photography, bringing a unique ability to visualize and communicate insights clearly.

Experience

Fumb Games – London, UK (Remote)

Data Scientist, Freelance (Feb 2022 – Present)

- Built ML models to identify player behaviors and generate lookalike audiences, outperforming paid/purchased audiences for marketing campaigns.
- Designed dashboards and reporting pipelines to track KPIs and event-specific metrics.
- Developed Streamlit apps to make interactive datasets accessible to non-technical stakeholders.
- Conducted feature analysis to inform A/B testing and revenue-optimization strategies.

Carma Project – California, USA (Remote)

Data Scientist, Freelance (May 2022 – Dec 2022)

- Developed interactive Python/Folium maps to visualize vehicle spotting data.
- Built regression models to predict car spotting probabilities.

University of Bayreuth – Germany

Researcher, Physical Chemistry Chair (Oct 2017 – Sep 2019)

Association de la Industria Navarra – Spain

Researcher, Surface Engineering Group (Oct 2015 – Oct 2016)

University of Leeds – UK

Knowledge Transfer Partnership Associate, School of Design (Nov 2012 – Mar 2013)

University of Surrey – UK

Researcher, Soft Matter Physics Group (Jun 2011 – Sep 2012)

Education

- PhD, Physics, University of Surrey, UK (2007 – 2011)
- BSc, Physics, Aristotle University of Thessaloniki, Greece (2002 – 2006, GPA: 9.11/10, Excellent)
- BA, Photography, Open College of the Arts, UK (2009 – 2019)
- PGCert, Therapeutic Photography, Robert Gordon University (2023 – 2024)

Skills: Python, SQL/BigQuery, Machine Learning, Predictive Analytics, Data Visualization, Streamlit