

EDUCATION

University of Oxford, Somerville College

Oxford, UK

MSc in the Mathematical Sciences

2020–21

- Final award: **Distinction**.
- Modules: Networks, Advanced Statistical Machine Learning, Theories of Deep Learning, Advanced Simulation Methods, Algorithmic Foundations of Learning, Continuous Optimisation.
- **Full scholarship** by the Hellenic Petroleum Group, covering tuition and living expenses (Total: 21,000€), Sports & Wellbeing Somerville award, Archibald Jackson Prize.
- Dissertation: “Lévy Processes in Bayesian nonparametric models”, supervised by Prof. Matthias Winkel.

University of Patras

Patras, Greece

BSc in Mathematics

2016–20

- Final award: **Distinction**.
- Minored in Statistics, Probability Theory and Operational Research.
- Dissertation: “Brownian motion and the Black-Scholes model” supervised by Prof. Ioannis Dimitriou.

WORK EXPERIENCE

IST Austria, Research Internship

Vienna, Austria

Optimisation guarantees of gradient descent in artificial neural networks

2021

- Work area: neural networks, neural tangent kernel, high-dimensional machine learning.
- Supervisor: Prof. Marco Mondelli
- Project: prove optimisation guarantees (global convergence) for gradient descent in minimal neural network settings using neural tangent kernel bounds, run experiments to validate.

Coffeco

Athens, Greece

Co-founder, Financial Planning

2018–19

- Built a startup of 9 people with the goal of extracting phenols from coffee residues.
- Cooperated with 1 post-doc, 2 chemical engineers, 1 businessman and pitched businesses.
- Calculated the total product cost, fixed capital investment and equipment cost for our pilot unit; researched the chemical engineering bibliography; performed market research and competitor analysis.
- Delivered excellent results by winning 4 national startup competitions.

Griechische Taverne zur Gartenlaube

Munich, Germany

Kitchen assistant

Summers of 2016–19

- Strengthened my character through tough work; funded my undergraduate studies.
- Demonstrated sustained stamina and energy; advanced my communication skills over long periods of work in a team setting.

SKILLS AND INTERESTS

- **Programming Languages:** Python (TensorFlow, Keras), R.
- **Languages:** English(Fluent), German(Basic), Greek(Native).
- **Interests:** chess (local and online tournaments), self development books.