

Charalampos Kokkalis

PHD STUDENT · UNIVERSITY OF EDINBURGH, LFCS

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Education

University of Edinburgh

PHD IN INFORMATICS

- Research Topic: Algorithms and Mechanisms for Economic Environments
- Advisor: Aris Filos-Ratsikas

Edinburgh, UK

Oct 2023 - present

University of Oxford

MCOMPSCI COMPUTER SCIENCE

- Thesis: A Study of Variants of PPA-Complete Problems (Distinction)
- Advisor: Paul Goldberg

Oxford, UK

Sep 2021 - Jun 2022

University of Oxford

BA COMPUTER SCIENCE

- Thesis: Application of Association Schemes in Deriving Linear Programming Bounds for the Size of Codes (Distinction)
- Advisor: Dmitrii Pasechnik

Oxford, UK

Sep 2018 - Jul 2021

Anatolia College High School

INTERNATIONAL BACCALAUREATE DIPLOMA

- HL courses: Further Mathematics, Computer Science, Mathematics, Physics

Thessaloniki, Greece

Sep 2016 - Jul 2018

Teaching Experience

Spring 2024	Introduction to Algorithms and Data Structures II, Marker	Univ. of Edinburgh
Fall 2023	Introduction to Algorithms and Data Structures I, Marker	Univ. of Edinburgh
Summer 2022	Cryptology, Teaching Assistant	CTY Greece
Spring 2022	Artificial Intelligence, Practicals Demonstrator	Univ. of Oxford
Fall 2021	Machine Learning, Practicals Demonstrator	Univ. of Oxford

Professional Experience

2022-2023	Machine Learning Engineer, PolyAI Technologies Inc.	London, UK
Summer 2021	Software Development Engineering Intern, Amazon Inc.	London, UK
2019-2020	Software Engineering Summer Intern, Algora PBC.	Boston, US (Remote)

Publications

IN REVIEW

Filos-Ratsikas A., Giannakopoulos Y., Hollender A., **Kokkalis C.**. 2024. On the Computation of Equilibria in Discrete First-Price Auctions. Preprint: <https://arxiv.org/abs/2402.12068> (submitted to EC'24)

Honors and Awards

- 2024-2027 **DTA Scholarship**, awarded by the EPSRC
- 2021-2022 **Open Exhibitioner**, awarded by Jesus College, Oxford
- 2018-2022 **Reuben Scholar**, awarded by the Reuben Foundation
- 2012-2018 **Full scholarship for tuition fees**, awarded by Anatolia College