

David J. Tena Cucala

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Education

University of Oxford – Hertford College 2016-2020
D.Phil in Computer Science
Supervisors: Prof. Bernardo Cuenca Grau, Prof. Ian Horrocks
Thesis: “Consequence-Based Reasoning for the Description Logic SROIQ.”

University of Oxford – Balliol College 2015-2016
M.Sc in Computer Science Distinction (91)
Supervisor: Prof. Bernardo Cuenca Grau **Hoare Prize for Best Performance**
Thesis: “Datatype Reasoning in PAGOdA.”

University of Oxford – Wolfson College 2013-2015
B.Phil in Philosophy Pass (69)
Supervisor: Dr Ellen Clarke
Thesis: “What is the relation between Nagelian reduction and scientific explanation?”

Universitat Autònoma de Barcelona 2008-2013
Degree in Mathematics and Physics 9.45/10
Supervisor: Dr Xavier Oriols
Thesis: “Classical Newtonian Mechanics arising from Bohmian Quantum Theory.”

Scholarships / Awards

- Hack the Police 4 hackathon, “*Best in Show*” award, Metropolitan Police. 2019
- *Microsoft Malmö Collaborative AI Challenge* 1st Prize, Microsoft Research. 2017
- *Mary Jane Grefenstette Scholarship*, Google DeepMind, Hertford College. 2016
- *Hoare Prize* for Best Performance, University of Oxford. 2016
- *Foley-Béjar Scholarship*, Balliol College. 2015
- *Lady Allen and Linares Rivas Scholarship*, Balliol College. 2015
- *La Caixa Scholarship*, Caixabank. 2013
- *Extraordinary Prize for Best Performance*, Universitat Autònoma de Barcelona. 2013

Work Experience

University of Oxford 2019-Present
Research Associate in Artificial Intelligence
Supervisor: Prof. Bernardo Cuenca Grau

DESY (Deutsches Elektronen-Synchrotron) 2012
Researcher, Summer Student Program
Supervisor: Dr Birgit Fischer

Teaching Experience

Dept. of Computer Science, University of Oxford 2017-2021
Class Tutor

- Tutored online classes in Databases during the COVID epidemic.
- Tutored classes in Knowledge Representation & Reasoning to CS graduate students.
- Excellent feedback by supervisor and students, with average scores of 5 out of 5.
- Nomination to the University of Oxford annual's Teaching Awards.

Hertford College, University of Oxford 2016-2020
Non-Stipendiary Lecturer and Class Tutor

- Taught lectures and tutored classes for the Introduction to Logic course, for groups of up to 17 first year Philosophy undergraduate students. Marked collections.

Oriel Summer School, University of Oxford 2018-2019
Lecturer

- Taught lectures in Artificial Intelligence for groups of up to 60 visiting students.
- Organised curriculum, sit-down exams, and students' oral presentations.

Undergraduate Admissions, University of Oxford 2017-2019
Various Roles

- Marking team leader for the MAT admissions exam 2018; marker in 2017.
- Note-taking and assessment of interviews, Keble College, 2018 and 2019.

St. Catherine's College, University of Oxford 2018
Class Tutor

- Tutored classes in Computational Complexity to CS undergraduate students.
- Commendation by College Tutor for Excellent Feedback.

Administrative Experience

HvZ Collective, Universitat Autònoma de Barcelona 2010-2011
Co-founder and organiser

- Co-founded student association for organisation of massive tag games.
- Led the organisation of massive tag games in the campus of UAB, involving up to 1000 undergraduate students over the course of two weeks.
- Coordinated team leaders, including logistics, web administration, and arbitration.
- Liaised with University to acquire relevant permits and obtain access to support and resources, including printing service, renting of electronic and audio-visual equipment, and cordoning off campus areas.

Professional Skills

- Level 1 Visionary Communication, Toastmasters International. 2019-2020
- Negotiation Skills seminar, The Oxford Foundry. 2019
- Teaching Skills seminar, Mathematical Institute, University of Oxford. 2018
- Academic Writing seminar, Dept of CS, University of Oxford. 2018
- Navigator Professional Development Course, Oxford Careers Service. 2018
- Leadership Program (part-time, 4 year long course). 2009-2013
Maximum Qualification. Universidad Francisco de Vitoria.

Volunteer Experience

Peer Supporter

2018-2020

Hertford College, University of Oxford

- Provided confidential listening, support, and welfare information for undergraduate and graduate students.
- Trained in active listening skills. Trained to recognise common issues faced by students. Awareness of professional support services available to students.

Lead Researcher

The Student Consultancy, University of Oxford

2018

- Led a team of 3 in a market feasibility study for a local non-profit.
- Presented research to client in bi-weekly, face-to-face meetings.

Think Tank Researcher

2016

OxPolicy AI, University of Oxford

- Joined an interdisciplinary team of 10 students to elaborate a policy recommendation report on Risks and Opportunities of Artificial Intelligence.
- Wrote a report section on long term issues; presented conclusions in public event.

Public Outreach

2010-2017

Various positions

- Regular public talks on scientific and philosophical topics of interest, invited by different organisations.
- Taught weekly mathematics lessons to students from disadvantaged backgrounds in Rubí, Cerdanyola, and Sabadell (Spain), for 18 months.