

Derek Sorensen

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EDUCATION

University of Cambridge <i>PhD in Computer Science</i>	Cambridge, UK 2019 – Present
University of Oxford <i>MSc in Mathematics and Foundations of Computer Science</i>	Oxford, UK 2016 – 2017
Brigham Young University <i>BSc in Mathematics</i>	Provo, Utah, USA 2011 – 2016
Higher School of Economics <i>Exchange Year, Mathematics</i>	Moscow, Russia 2015 – 2016

EXPERIENCE

Sustainability Lead <i>Tezos Foundation</i>	May 2021 – Aug 2022 London, UK
<ul style="list-style-type: none">Lead business development for sustainability on the Tezos blockchain, including tokenized carbon offsets, regenerative finance (ReFi), and sustainability-oriented art marketplaces.Member of the Technical Advisory Committee, the funding body for the Tezos Foundation	
Formal Verification Lead <i>Clearmatics</i>	Oct 2019 – Nov 2020 London, UK
<ul style="list-style-type: none">Lead the company's formal verification agenda for Ethereum smart contracts.Wrote seminar series to train a team of ten engineers in mathematics.	
Consultant (Cryptocurrency) <i>Digital Asset</i>	Jul 2019 – Sep 2019 New York, New York
<ul style="list-style-type: none">Invented and built a functional cryptocurrency in DAML on a team of three individuals.Wrote a paper with two teammates outlining the industry-leading privacy features of the novel cryptocurrency.Held twelve regular meetings with company executives and gave a live tutorial of the novel cryptocurrency.	
Research Mathematician <i>Pyroflex Corporation</i>	Mar 2018 – Jun 2019 Provo, Utah, USA
<ul style="list-style-type: none">Created a cryptocurrency that is 7,000 times faster than Bitcoin, and processes 50% more transactions than Visa.Coauthored, presented, and promoted three peer-reviewed, disruptive papers on blockchain scalability.Consulted as chief mathematician on two major industry projects involving cryptocurrency.	

EXTRACURRICULARS

Cambridge iTeams Consulting	Jan 2021 – Mar 2021
<ul style="list-style-type: none">Consulted on a diverse team of six students to bring a blockchain-based IP licensing system to market.Researched, contacted, and interviewed over twenty executives in Telecoms and IoT.Held six regular calls with the inventors and gave two in-depth presentations.	
Oxford Fintech Programme <i>Saïd Business School</i>	Jan 2021 – Mar 2021
<ul style="list-style-type: none">Six-week, intensive course by industry leaders and academics on the latest developments in Fintech.Developed a FinTech business model on a diverse team of seven to address perceived market opportunities.	

PROGRAMMING LANGUAGES

Coq, OCaml, CameLIGO, Solidity, DAML, K Framework

ADDITIONAL SKILLS

Spoken Languages: English (native), Spanish (fluent), Russian (intermediate), French (beginner)

Additional Interests: Alpine skiing, existentialist philosophy, backpacking, mountaineering, opera singing