

# SASHA ALDRICK

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## RECENT WORK EXPERIENCE

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### Tezos & Etherlink (Trilitech)

Jan 2024 - Present (London, UK)

Lead Developer Advocate

Leading the Developer Success Team at Trilitech. Core focus on Developer Relations Strategy for Etherlink, Tezos' first EVM-compatible L2 optimistic rollup. Maintainer of [Etherlink.com](https://etherlink.com) and [Etherlink Docs](#).

### Tezos (Trilitech)

June 2023 - Jan 2023 (London, UK)

Senior Developer Advocate

Working on information architecture for the new [Tezos Docs](#). Creating technical content, videos and writing, organising meetups, hackathons and helping improve Tezos' developer experience. Writing smart contracts on Tezos.

### Gelato

April 2022 - May 2023 (Zug, Switzerland)

Blockchain Engineer + Developer Relations

Worked on building web3 infrastructure. Wrote and implemented [Gelato Relay contracts](#), [Gelato 1Balance contracts](#) and [relay-context-contracts](#). Wrote and maintained accompanying documentation, technical video content, conference public speaking and workshops, for example [ETHDenver 2023](#), and creating starter projects for easy user onboarding.

## EDUCATION

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*Focussed on Quantum Mechanical Computation, Density Functional Theory, and Machine Learning for Materials Science*

### University of Cambridge

October 2017 - April 2022

PhD in Machine Learning & Physics (Withdrawn)

MRes in Graphene Nanoscience (Graduated 2018) (Thesis 1 & Thesis 2)

### University College London

September 2013 - September 2017

Master of Science (MSc) in Nanotechnology (Thesis)

with Merit

Bachelor of Science (BSc) in Natural Sciences

1<sup>st</sup> class honours

Double Major in Physics & Physical Chemistry

## PROJECTS & PUBLICATIONS

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*Utilising Bayesian optimisation and Gaussian processes for discovery of new materials for optoelectronic applications such as perovskite photovoltaic cells, biological photoswitches and drug discovery.*

### Chemical Science, RSC

September 2022

Data-driven discovery of molecular photoswitches with multioutput Gaussian processes

### Machine Learning: Science & Technology

November 2021

Achieving robustness to aleatoric uncertainty with heteroscedastic Bayesian optimisation

### NeurIPS

December 2019

Heteroscedastic Bayesian Optimisation in Scientific Discovery

### ETHDenver

February 2022

Full-stack Blockchain project & helped build [robotrust.xyz](https://robotrust.xyz), which won a [Chainlink Bounty](#).

## TECHNICAL SKILLS

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### Programming

Solidity, Tezos, TypeScript, React, Python, C/C++

### Software & Tools

GNU/Linux, Vim,  $\LaTeX$ , Shell Scripting

### Languages

Fluent: English, Russian; Intermediate: Danish, German; Basic: French