

Education

- 2022 – 2026 **MCompPhil**, *University of Oxford, Christ Church*
- College Prize for First Class Final Honours School performance.
 - Cipriani Prize in Computer Science for extracurricular work.
 - Philosophy Specialisation: Political and Feminist Theory, Ethics, Ethics of AI. Coursework:
 - ‘Does the extent to which one’s desires are shaped by prevailing norms and social expectations have any bearing on whether one’s actions are free?’
 - ‘Does widespread AI automation undermine meaningful human work?’
 - CS Specialisation: Scientific Computing, Machine Learning, AI, Security, Quantum.
 - Dissertation: *Batched and Hardware-Accelerated Iterative Sparse Linear Solvers in Python*.

Experience

- 2024 – Present **Open Source Maintainer**, *SciPy* [🔗](#), *Pixi* [🔗](#), *data-apis.org* [🔗](#), *misc*.
Expertise: array computing & acceleration, package management, DevOps, DevEx, DevRel.
- SciPy (Steering Council) – Fundamental algorithms for scientific computing in Python.
 - Pixi (Core Maintainer) – Cross-language, cross-platform package manager, written in Rust.
 - Consortium for Python Data API Standards – array API standard [🔗](#), array-api-extra [🔗](#).
 - Scientific Python [🔗](#) – Forum moderator.
 - conda-forge [🔗](#) – Feedstock maintainer (various) for the largest conda package channel.
 - Other contributions: cpython, numpy, scikit-learn, marray, conda/ceps, quantity-dev.
- 2024 – Present **Conference Speaker**, *EuroSciPy* [🔗](#), *PyData Paris* [🔗](#), *NumFOCUS Summit* [🔗](#)
- ‘A Hitchhiker’s Guide to the Array API Standard Ecosystem’ (video [🔗](#), slides [🔗](#))
 - ‘Pixi: better developer experience for scientific Python projects’
 - ‘LinearOperator: stories from advancing an 18 year old data structure in SciPy’
 - ‘The Array API Standard in SciPy’
 - ‘MArray – Add Mask Support to any Array API Standard Compatible Backend’
- 2025 **Mentee**, *prefix.dev* [🔗](#)
Developed and maintained Pixi; contributed to the wider conda ecosystem (blog post [🔗](#)).
- 2023 – 2025 **Undergraduate Vice-President & Access Officer**, *Christ Church, Oxford* [🔗](#)
- Gained leadership, negotiation, and management experience.
 - Represented over 400 undergraduate students to the governing body of the college.
 - Chaired general meetings and maintained the constitution of the student body.
 - Led access and outreach initiatives, supporting those from disadvantaged backgrounds with an interest in higher education.
 - Gained safeguarding experience, working with under 18s on residential programmes.
 - Captained the Men’s 2nd XI football team.
- 2023 **Intern**, *Quansight* [🔗](#)
Completed foundational work towards SciPy’s support for the array API standard (blog post [🔗](#)), under the mentorship of Ralf Gommers and Pamphile Roy.

Skills

Technologies Python, Rust, Git, GitHub, Linux/macOS/Windows, Pixi, conda, rattler-build, Meson, NumPy, SciPy, scikit-learn, PyTorch, JAX, matplotlib, GPU & parallel computing, Google Cloud, Docker, Typst.

Languages English – Native