

# JACOB LIN

[www.jacob-lin.com](http://www.jacob-lin.com) | [linjacob2@gmail.com](mailto:linjacob2@gmail.com)

## EDUCATION

---

- University of Oxford** Oct. 2024 – Expected 2028  
*PhD in Computer Science* Oxford, UK
- Research: Generative AI, World Models, AI for Science
  - Supervisor: Ronald Clark
- Imperial College London** Sep. 2018 – Jul. 2022  
*MEng Electrical and Electronic Engineering* London, UK
- Rank: 1<sup>st</sup> in Cohort (Governors' Prize), Grade: First-Class Honours

## EXPERIENCE

---

- Research Assistant** Jan. 2023 – Oct. 2024  
*Imperial College London* London, UK
- Researched 3D few-view reconstruction of clouds, supervised by Ronald Clark (University of Oxford), Edward Gryspeerdt (Imperial College London), and Marc Stettler (Imperial College London)
- Research Intern** Apr. 2021 – Oct. 2021  
*Imperial College London* London, UK
- Worked on unsupervised 2D object-centric learning via slot attention, supervised by Krystian Mikolajczyk (Imperial College London) and Francesco Locatello (Amazon).
- Engineering Intern** Jun. 2020 – Sep. 2020  
*Qualcomm* Remote, UK
- Developed data visualisation software and an interface for an internal simulation tool.
- Undergraduate Teaching Assistant** Oct. 2019 – Jun. 2020  
*Imperial College London* London, UK
- Assisted with university classes and laboratory sessions for analogue and digital electronics.
- Engineering Intern** Jul. 2019 – Sep. 2019  
*Blighter Surveillance Systems* Saffron Walden, UK
- Designed a Bayesian classifier for radar drone/bird classification using Fourier analysis.

## PUBLICATIONS

---

- [Volumetric Cloud Field Reconstruction](#)  
**Jacob Lin**, Miguel Farinha, Edward Gryspeerdt, Ronald Clark  
arxiv, 2023
- Cloud-Stereo: A Dataset and Benchmark for 3D Cloud Field Reconstruction  
**Jacob Lin**, Edward Gryspeerdt, Ronald Clark  
Under review

## AWARDS

---

- EPSRC Studentship:** Full scholarship for graduate study (University of Oxford PhD 2024)
- Governors' MEng Prize:** Top Overall Grades in Cohort (Imperial College MEng 2022)
- Head of Department's Prize:** Top Student in the Third Year (Imperial College MEng 2021)
- Dean's List x4:** Top 10% of Cohort (Imperial College MEng, 2018 – 2022)
- Silver Medal:** Awarded as part of Team Sweden in International Young Physicists' Tournament 2018 Beijing