# Curriculum Vitae                                    Jonathan Scott

---

CONTACT
INFORMATION         jonathan.scott@ist.ac.at                +43 67764005086

EDUCATION           **Institute of Science and Technology Austria**      **Sep 2020–Present**
- Machine Learning PhD Student, affiliated with Professor Christoph Lampert.
- Research Interests: federated learning, privacy.

**University of Cambridge, UK**                      **Oct 2017–Jul 2018**
- Master's in Pure Mathematics.

**University of Edinburgh, UK**                       **Sep 2013–Jun 2017**
- Bachelor of Science in Mathematics (ranked 1/120).

EXPERIENCE          **Apple**                                            **May 2023 - Sep 2023**
- Research intern with the Private Federated Learning team in Cambridge, UK.

PAPERS              **Jonathan Scott**, Christoph H. Lampert, David Saulpic, *"Differentially Private Federated k-Means Clustering with Server-Side Data"*, ICML 2025.

**Jonathan Scott**, Áine Cahill, *"Improved Modelling of Federated Datasets using Mixtures-of-Dirichlet-Multinomials"*, ICML 2024.

**Jonathan Scott**, Hossein Zakerinia, Christoph H. Lampert. *"PeFLL: Personalized Federated Learning by Learning to Learn"*, ICLR 2024.

**Jonathan Scott**, Michelle Yeo, Christoph H. Lampert, *"FedProp: Cross-client Label Propagation for Federated Semi-supervised Learning"*, TMLR Oct 2023.

PREPRINTS           Hossein Zakerinia*, **Jonathan Scott***, Christoph H. Lampert. *"Federated Learning with Unlabeled Clients: Personalization Can Happen in Low Dimensions"*, arXiv 2025.

AWARDS              **Newton College Masters Award**                     **2017–2018**
- Awarded £12,000 on the basis of academic merit to study for the MASt. in Pure Mathematics at the University of Cambridge.

**Napier Medal and Gangadhar Balwant Gadgil Prize**   **2017**
- Awarded to the best final year student in Maths at the University of Edinburgh.

SERVICE             **Reviewing**

Reviewer for NeurIPS 2025, ICML 2025, ICLR 2025

**Outreach**

Designed and delivered courses on ML and maths in schools in Vienna (with KI macht Schule) and Edinburgh (with University of Edinburgh Maths Outreach Team).

**Open Source**

Multiple contributions to Apple's `pfl-research` federated learning framework. Open sourcing of code relating to publications.

---

*Equal Contribution.