

Ferdinando FIORETTO

Assistant Professor

📍 307 Rice Hall, Computer Science, University of Virginia, Charlottesville, VA 22904 - U.S.A.

🏠 nandofioretto.com @ fioretto@virginia.edu

PROFESSIONAL EXPERIENCE & EDUCATION

Current	University of Virginia, Computer Science, Charlottesville, VA
Jun. 2023	ASSISTANT PROFESSOR
Jun. 2023	Syracuse University, Electrical Engineering & Computer Science, Syracuse, NY
Jan. 2020	ASSISTANT PROFESSOR
Dec. 2019	Georgia Institute of Technology, School of Industrial and System Engineering, Atlanta, GA
Sep. 2018	POST-DOCTORAL RESEARCHER
Dec. 2018	University of Michigan, Industrial and Operations Engineering, Ann Arbor, MI
Sep. 2016	RESEARCH FELLOW

MOST CLOSELY RELATED PRODUCTS

- 1 Sree Nelaturu, Kanna Ravichandran, Cuong Tran, Sara Hooker, and **Ferdinando Fioretto**. “On The Fairness Impacts of Hardware Selection in Machine Learning”. ICML, 2024.
- 2 Cuong Tran and **Ferdinando Fioretto**. “Finding ϵ and δ of Traditional Disclosure Control Systems”. AAAI, 2024.
- 3 Cuong Tran and **Ferdinando Fioretto**. “Data Minimization at Inference Time”. NeurIPS, 2023.
- 4 Cuong Tran, My H. Dinh, **Ferdinando Fioretto**. “Differentially Private Deep Learning under the Fairness Lens”. NeurIPS, 2021.
- 5 Prakhar Ganesh, Cuong Tran, Reza Shokri, **Ferdinando Fioretto**. “The Data Minimization principle in Machine Learning”. NeurIPS, 2024 (under review).
- 6 My H. Dinh, **Ferdinando Fioretto**. “Context-Aware Differential Privacy for Language Modeling”. NeurIPS, 2024 (under review).

SELECTED HONORS AND AWARDS

- 2022 Caspar Bowden PET Award, Privacy Enhancing Technologies (PETs). [Link](#)
- 2022 NSF CAREER Award, National Science Foundation. [Press](#)
- 2022 Amazon Research Award, Amazon – AWS AI. [Link](#)
- 2022 Google Research Scholar Award, Google. [Link](#)
- 2022 Early Career Spotlight, International Joint Conference on Artificial Intelligence (IJCAI). [Link](#)
- 2022 Best Paper Award, IEEE Transaction of Power System. [Link](#)
- 2021 Early Career Researcher Award, Association for Constraint Programming. [Link](#)
- 2021 Mario Gerla Young Investigator Award for Research in Computer Science, ISSNAF. [Press](#)
- 2021 Best Paper Award, IEEE Transaction of Power System. [Link](#)
- 2018 Best AI Dissertation Award, AI*IA. [Press](#)

SELECTED SYNERGISTIC ACTIVITIES

- **Conference co-chair** : International Conference on Principles and Practice of Constraint Programming (CP) 2022
- **Workshop co-organizer** :
 - Algorithmic Fairness through the Lens of Causality and Privacy, (at NeurIPS) 2022, 2023
 - Workshop on Machine Learning for Operational Research, (at AAAI) 2022, 2024
 - Workshop on Optimization and Learning in Multi-Agent Systems, at AAMAS 2018–2022
 - Workshop on Privacy Preserving Artificial Intelligence, (at AAAI) 2020–2024
- **Senior Program Committee/Area Chair** :
 - AAAI Conference on Artificial Intelligence (AAAI) 2020 – 2024
 - ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT) 2023 – 2024
 - Conference on Neural Information Processing Systems (NeurIPS) 2024
 - International Joint Conference on Artificial Intelligence (IJCAI) 2021 – 2024
 - European Conference on Machine Learning (ECML) 2023 – 2024