Adam Hazimeh

LinkedIn | GitHub | Google Scholar

Email : adam.hazimeh@epfl.ch
Lausanne, Switzerland

EDUCATION

- **École Polytechnique Fédérale de Lausanne (EPFL)** — Lausanne, Switzerland
  PhD in Computer and Communication Sciences — *Sep. 2023 – Present*
  - Advisor: Prof. Pascal Frossard (LTS4)
  - Research Focus: Model Editing, Multimodal Learning

- **American University of Beirut (AUB)** — Beirut, Lebanon
  Bachelor of Engineering (BE) in Computer Science; GPA: 3.9/4.0 — *Sep. 2019 – June 2023*

RESEARCH EXPERIENCE

- **EPFL (Signal Processing Laboratory 4)** — Lausanne, Switzerland
  Doctoral Assistant — *Sep. 2023 – Present*
  - Conducting research on AI Safety and robustness in deep learning models under the supervision of Prof. Pascal Frossard.
  - Working on vision-language modeling and efficient adaptation of foundation models.

- **MIT (MadryLab)** — Cambridge, MA, USA
  Research Intern — *May 2022 – Sep. 2022*
  - Applied datamodels to active learning settings to improve data selection efficiency.

- **American University of Beirut (AgHive)** — Beirut, Lebanon
  Undergraduate Research Assistant — *Jan. 2022 – Apr. 2023*
  - Developed deep learning solutions for the segmentation of satellite imagery.

SELECTED PUBLICATIONS

- **Semantic Document Derendering: SVG Reconstruction via Vision-Language Modeling**
  A. Hazimeh, K. Wang, M. Collier, G. Baechler, E. Kokiopoulou, P. Frossard
  AAAI Conference on Artificial Intelligence (AAAI), 2026

- **Model Soups Need Only One Ingredient**
  A. Abdollahpoorrostam, N. Dimitriadis, **A. Hazimeh**, P. Frossard
  Under Review at International Conference on Learning Representations (ICLR), 2026

- **Task addition and weight disentanglement in closed-vocabulary models**
  A. Hazimeh*, A. Favero*, P. Frossard
  Efficient Systems for Foundation Models II (ES-FoMo II) at ICML, 2024

- **Towards modeling learner performance with large language models**
  S.P. Neshaei, R.L. Davis, **A. Hazimeh**, B. Lazarevski, P. Dillenbourg, T. Käser
  Educational Data Mining (EDM), 2024

HONORS & AWARDS

- **EDIC Fellowship**, EPFL (Prestigious fellowship for first-year PhD students)

- **Dean's Honor List**, AUB (Awarded all semesters for high academic standing)

TEACHING EXPERIENCE

- **École Polytechnique Fédérale de Lausanne (EPFL)** — Lausanne, Switzerland
  Teaching Assistant — *Sep. 2024 – Present*
  - Data Visualization (Spring 2025, Spring 2024)
  - Introductory Physics (Fall 2024)

- **American University of Beirut (AUB)** — Beirut, Lebanon
  Teaching Assistant — *Spring 2021*
  - Introduction to Computation and Programming

Technical Skills

- **Languages**: Python, C++, Java, MATLAB, English (Native/Bilingual), Arabic (Native)

- **Frameworks/Libraries**: PyTorch, TensorFlow, Jax, Transformers (Hugging Face)

- **DevOps/Tools**: Git, Docker, Kubernetes, Google Cloud Platform (GCP)