

ANDREW AQUILINA

◇ Computational social science, natural language processing, AI fairness ◇

📞 +1 (412) 214-2282 ✉ andrew.aquilina@pitt.edu 🌐 [andaqu.github.io](https://github.com/andaqu)

Education

University of Pittsburgh
Ph.D. Information Science

Pittsburgh, PA
Aug 2024 – present

- Advisor: Prof. Yu-Ru Lin

Stockholm University
M.Sc. Computer and System Sciences, Artificial Intelligence

Stockholm, Sweden
Aug 2021 – June 2022

University of Malta
B.Sc. Information Technology, Artificial Intelligence

Msida, Malta
Oct 2018 – June 2021

Awards and Fellowships

SCI Fellowship University of Pittsburgh	2024 – 2025
Pathfinder Scholarship Malta's Digital Innovation Authority	2021 – 2022
First Class Honours University of Malta	2021

Papers

Aquilina, A. and Abela, C. **Predicting links in a social network based on recognised personalities**. In *Proceedings of the 37th ACM/SIGAPP Symposium on Applied Computing, SAC '22*, New York, NY, USA, 2022. Association for Computing Machinery.

Aquilina, A., Diacono, S., Papapetrou, P., and Movin, M. **An end-to-end workflow using topic segmentation and text summarisation methods for improved podcast comprehension**, 2023. [arXiv:2307.13394](https://arxiv.org/abs/2307.13394).

Industry Experience

Loqus Business Intelligence
AI Engineer

San Ġwann, Malta
Sep 2023 – July 2024

- Led new AI initiatives within the company, including the development of a customer-facing chatbot designed to answer questions related to deliveries.

Sambla Group
Data Scientist

Stockholm, Sweden
Nov 2022 – May 2023

- Leveraged NLP methods to cluster and summarise vast amounts of textual data to provide key insights for a cost-saving business strategy (30% cost reduction).
- Applied ranking methods to improve the accuracy and NDCG of user-item recommendation systems.

Teaching

Guest Lectures

- University of Pittsburgh, Social Computing, "Social link prediction using recognised personalities". (Oct 2024)

Community and Leadership Experience

Reviewing

- ICWSM 2025 (Posters, Demos, and Datasets Track)
- Pluralistic Alignment Workshop at NeurIPS 2024
- Discovery Science 2024

Doctoral Guild Committee Chair

- Organiser for PhD Lunch Talk Series. (Spring 2025)

IAESTE Incoming Officer

- Assisted foreign students moving to Malta for an internship, ensuring they are kept in contact with their employers and up to date with the required documentation. (2020 – 2021)

Invited Panels

Panel on Responsible Technology

Organised by Tech For Good, University of Pittsburgh

Feb 2025