TIAN CHENG (RICCARDO) XIA
Nome   Cognome

✉ tcxia@ik.me   🌐 notxia.github.io
⚡ github.com/NotXia   ⓘ 0009-0005-5274-7469   in linkedin.com/in/tian-cheng-xia

EDUCATION

M.Sc. in Artificial Intelligence · University of Bologna, Italy   2023 – mar 2026
Temporary thesis title: Self-Supervised Framework for Explaining Multimodal Classification Models
GPA: 29.6/30

B.Sc. in Computer Science · University of Bologna, Italy   2020 – 2023
Thesis title: Subtopic-Oriented Biomedical Summarization using Pretrained Language Models
GPA: 29.52/30 · Graduation grade: 110/110 cum laude

RESEARCH EXPERIENCE

Research Intern · National Institute of Informatics, Tokyo, Japan   July 2025 – Jan 2026
Worked on research projects carried out by the laboratory of Prof. Akiko Aizawa:
— Devised an explainability framework for multimodal claim verification, which is part of my master's thesis.
— Contributed to design and annotate a dataset to benchmark multimodal models on the task of claim verification, which will be used in the `SciClaimEval shared task` organized by the laboratory.
— Designed a pipeline to automatically generate scientific papers, which led to two AI generated papers accepted at the `Agents4Science conference` held by Stanford University.
— Set up a study to assess the effects of hedges and boosters in scientific writing.

Research Intern · SmartData Research Group, Bologna, Italy   May 2023 – Sept 2023
Worked on designing a benchmark pipeline for biomedical extractive text summarization and creating a benchmark dataset for topic clustering. The work, done under the supervision of Prof. Danilo Montesi, was partly integrated in my bachelor's thesis and its extension led to the publication of a journal paper.

PUBLICATIONS

Xia, Tian Cheng; Bertini, Flavio; Montesi, Danilo. (2025). "Large Language Models Evaluation for PubMed Extractive Summarisation". *ACM Transactions on Computing for Healthcare*. DOI: `10.1145/3766905`.

Ciancarini, Paolo; Giancarlo, Raffaele; Grimaudo, Gennaro; Missiroli, Marcello; **Xia, Tian Cheng**. (2025). "The Design and Realization of a Self-Hosted and Open-Source Agile Internal Development Platform". *IEEE Access*. DOI: `10.1109/ACCESS.2025.3564141`.

ESPERIENZA LAVORATIVA

Stage Ufficio IT/IS · Toyota Material Handling Manufacturing, Bologna   Dic 2019, Lug 2019, Feb 2019
— Supporto tecnico agli utenti interni.
— Configurato dispositivi di rete e mappato la connessione tra gli armadi di rete nell'impianto di produzione.
— Creato script per generare report da query SQL e automatizzare alcune funzioni nella linea di assemblaggio.

ACHIEVEMENTS

LauzHack 2024, BMS Challenge 1st Place · EPFL, Lausanne, Switzerland
`Project repository`
Winner of the challenge proposed by Bristol Myers Squibb on time-series forecasting for medicine demand by proposing an explainable framework using Gaussian processes and Shapley values.

LINGUE

Italiano   native speaker
Inglese   CEFR C1 (IELTS 7,5; `TRF: 23IT002480XIAT010A`)
Cinese   conversational