

TIAN CHENG (RICCARDO) XIA

Name

Surname

 tcxia@ik.me

 Bologna, Italy

 notxia.github.io

 github.com/NotXia

 0009-0005-5274-7469

 linkedin.com/in/tian-cheng-xia

EDUCATION

M.Sc. in Artificial Intelligence · University of Bologna, Italy

2023 – mar 2026

B.Sc. in Computer Science · University of Bologna, Italy

2020 – 2023

Thesis title: Subtopic-oriented biomedical summarization using pretrained language models

Graduation grade: 110/110 cum laude

Technical Institute Diploma · Aldini Valeriani, Bologna, Italy

2015 – 2020

Informatics specialization

Graduation grade: 100/100 cum laude

WORK EXPERIENCE

Research Intern · National Institute of Informatics, Tokyo, Japan

July 2025 – Jan 2026

IT/IS Office Intern · Toyota Material Handling Manufacturing, Bologna, Italy

Dec 2019, July 2019, Feb 2019

– Provided technical support to internal users.

– Configured network devices and mapped the connections between network racks across the production plant.

– Created scripts to generate reports from SQL queries and to automate some tasks on the assembly line.

CERTIFICATES

CS50's Introduction to AI with Python · HarvardX

2022

Problem-solving using algorithms based on graphs, statistics, optimization, and machine learning.

CISCO: IT Essentials · CISCO Networking Academy

2018

Maintenance and administration of computers and networks.

SKILLS

Machine learning Python · scikit-learn · TensorFlow · PyTorch

DevOps Docker · Ansible · Jenkins · GitLab Runner · GitHub Actions

Databases MySQL · MongoDB

Web development NodeJS · PHP · Vue · Nuxt · React · Bootstrap · Tailwind

Other languages C · C++ · Java · Kotlin · Assembly x86 · Prolog

LANGUAGES

Italian native speaker

English professional proficiency (IELTS 7.5; TRF: 23IT002480XIAT010A)

Chinese professional proficiency

SELECTED 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.