TIAN CHENG (RICCARDO)   XIA

Name   Surname

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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

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.