

TIAN CHENG "RICHARD" XIA

Name

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📍 Bologna, Italy

🔗 github.com/NotXia

Surname

in linkedin.com/in/tian-cheng-xia

Area of interest: Artificial intelligence and data analysis

EDUCATION

BSc in Computer Science 2020 – present
Alma Mater Studiorum, University of Bologna

High school diploma, major in IT 2015 – 2020
Aldini Valeriani, Bologna, Italy
Final degree: 100/100 with honors.

CERTIFICATES

CS50's Introduction to AI with Python 2022
HarvardX
[Link to the certificate](#)

Resolution of problems using algorithms based on graphs, statistics, optimization and machine learning.

CISCO: IT Essentials 2018
CISCO Networking Academy
Maintenance and administration of computers and networks.

LANGUAGES

Italian native speaker
Chinese fluent
English fluent

OTHERS

Driving licence owner

WORK EXPERIENCE

IT/IS Office, Intern dec 2019
july 2019
feb 2019

Toyota Material Handling Manufacturing Italy
Internship organized during high school.
IT support, maintenance and setup of network devices.
SQL programming, automation with bash and batch scripts.

SKILLS

Data analysis

Development with [Python](#).
Data preprocessing and cleaning with [Pandas](#) and [Numpy](#).
Data visualization with [Matplotlib](#) and [Seaborn](#).
Design of machine learning models with [Scikit-learn](#).
Definition and training of neural networks with [Tensorflow](#) and [Keras](#).

DevOps

Usage of [Docker](#). Automations with [Ansible](#).
Design and definition of pipelines with [Jenkins](#),
[Gitlab Runner](#) or [Github Actions](#).

Web development

Backend
Implementation of backends with [PHP](#) or [NodeJS](#).
Design and development of [REST APIs](#).
Knowledge of both [relational](#) and [non-relational](#) databases.

Frontend

Development of pages with [HTML/CSS](#) and [Javascript](#).
Knowledge of [React](#), [Vue](#) and [Nuxt](#) frameworks.
Usage of [Bootstrap](#) and [Tailwind](#).

Other programming languages

C, C++, Java, Assembly x86