

TIAN CHENG "RICHARD" XIA

Name

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Surname

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

Area of interest: Data analysis

EDUCATION

B.S. 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 native speaker
English fluent

OTHERS

Driving license 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 initial setup of network devices.
SQL programming, automations with bash and batch scripts.

SKILLS

Web development

Backend
Web server implementation 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** and **Vue** frameworks.
Usage of **Bootstrap** and **Tailwind**.

Data analysis

Development with **Python**.
Preprocessing and cleaning of data 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 for **Jenkins**, **Gitlab Runners** or **Github Actions**.

Other programming languages

C, C++, Java, Assembly x86