TIAN CHENG "RICHARD" XIA

Name Surname

tcxia2001@gmail.com Bologna, Italy
notxia.github.io github.com/NotXia 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	fluent
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, automation with bash and batch scripts.

SKILLS

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 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 and Vue frameworks.
Usage of Bootstrap and Tailwind.

Other programming languages

C, C++, Java, Assembly x86