TIAN CHENG "RICHARD" XIA

Name

■ tcxia2001@gmail.com

♥ Bologna, Italy

github.com/NotXia

Area of interest: Data analysis

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

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

HarvardX

Link to the certificate

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

CISCO: IT Essentials

2018

2022

CISCO Networking Academy

Maintenance and administration of computers and networks.

LANGUAGES

Italian nativ Chinese nativ

native speaker native speaker

English

fluent

OTHERS

Driving license owner

WORK EXPERIENCE

IT/IS Office, Intern

Surname

dec 2019

july 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