TIAN CHENG "RICHARD" XIA

Name · Surname

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Area of interest: Natural Language Processing

EDUCATION

B.Sc. in Computer Science — 2020 – present
Alma Mater Studiorum, University of Bologna

Thesis on the applications of pretrained language models in the biomedical field.

Technical institute diploma — 2015 – 2020
Aldini Valeriani, Bologna, Italy

Informatics specialization
Final degree: 100/100 with honours.

CERTIFICATES

CS50's Introduction to AI with Python — 2022
HarvardX
`Link to 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   professional proficiency
English   professional proficiency (IELTS 7.5)

OTHERS

Driving licence owner

WORK EXPERIENCE

IT/IS Office, Intern — dec 2019 / july 2019 / feb 2019
Toyota Material Handling Manufacturing Italy

High school internship.
IT support, maintenance and setup of network devices.
SQL programming, automation with bash and batch scripts.

SKILLS

Data analysis

Languages: **Python**
Data processing: **Pandas** · **Numpy** · **SQL** · **MongoDB**
Data visualizzation: **Matplotlib** · **Seaborn**
Machine learning: **Scikit-learn** · **Tensorflow** · **PyTorch**

DevOps

Deployment: **Docker** · **Docker Compose**
Automations: **Ansible** · **Bash** · **Batch**
Pipelines: **Jenkins** · **Gitlab Runner** · **Github Actions**

Web development

Backend: **PHP** · **NodeJS**
Frontend: **HTML** · **CSS** · **Javascript**
Frameworks: **React** · **Vue** · **Nuxt**
CSS Frameworks: **Bootstrap** · **Tailwind**

Other programming languages

C · C++ · Java · Kotlin · Assembly x86