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.

High school diploma, major in IT   2015 – 2020
Aldini Valeriani, Bologna, Italy

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