

# TIAN CHENG "RICHARD" XIA

Name

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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 grade: 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 visualization: **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