



# JUN XIANG FEDERICO ZHOU, 22

✉ [junxiangfederico.zhou@gmail.com](mailto:junxiangfederico.zhou@gmail.com)  [github.com/junxiangfederico](https://github.com/junxiangfederico)  +39 333 7543212

## Education

### University of Milan

*Bachelor's of Science in Computer Science*

2019 – 2023

*Milan, Italy*

## Relevant Coursework

- Data Structures
- Software Engineering
- Operating Systems
- Computer Networks
- Cryptography
- Computer Security
- Computer Programming
- Computer Architecture

## Experience

### Wise (formerly TransferWise) — Financial technology

2022

*Software Engineering Intern*

*Tallinn, Estonia*

- Wise is a financial technology company which handles money transfers and multi-currency accounts.
- Deployed impactful features as a backend engineer using Java and Springboot.
- Deployed services which handle requests for millions of customers using Kubernetes and Docker.
- Employed Grafana and Kibana for observability and real-time monitoring.
- Delivered impactful feature worth £15m and £75m on iOS, Web and Android.

### Huawei — Technology corporation

2022 — 2023

*Technical Engineer Intern*

*Milan, Italy*

- Huawei is a technology corporation which develops, produces and sells telecommunication equipment and consumer electronics.
- Developed internal multi-module software system to solve real world business needs.
- Improved existing workflows through automation.
- Worked as a programmer employing Java, Java RMI, Domain Driven Design, SOAP and REST.
- Deployed effective and resilient software testing tool.

## Notable Projects

### DES Encryptor | Java, JavaFX, Eclipse

- A Java and JavaFX based DES Encryptor Utility.
- Utilised Java to program the backend and JavaFX to design the frontend.
- Engineered a well-thought class structure to ensure efficiency and ease of use.
- Implemented object-oriented programming practices.

### easyVote Project | Java, JavaFX, Eclipse, StarUML, MySQL

- A Java and JavaFX powered dynamic voting system.
- Able to handle multiple voting systems, intuitive and easy to use.
- Applied a model driven development approach and used design patterns.

### WhatsApp Message Parser | Java, Python, pyplot, pandas, git, VSCode

- A Java and Python based WhatsApp message parser.
- Utilised Java to program the backend of the message parser and Python to generate graphs and wordclouds.
- Documented the code in line with the Javadoc guidelines.

## Technical Skills

**Languages:** Java, Python, HTML/CSS, React, Javascript

**Database Management:** PostgreSQL, MySQL

**Technologies/Frameworks:** Springboot, Docker, Kubernetes, Linux, Git, JUnit, Latex, Bash, IntelliJ

## Leadership

### RSAlty

2021

*President*

*University of Milan*

- Led a team of amateur cryptographers in a university sponsored challenge.

## Soft Skills and Interests

- Able to communicate fluently in Italian (L1), English (C1 Advanced) and Chinese (HSK 5).
- Interested in Cryptography, Computer Security, iOS Jailbreaking and rockets.