



# JUN XIANG FEDERICO ZHOU, 24

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

## Education

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### University of Milan

*Bachelor's of Science in Computer Science*

**2019 – 2023**

*Milan, Italy*

## Experience

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### Wise — Financial Technology

**September 2023 — Present**

*Software Engineer II*

*Tallinn, Estonia*

- Contributed to bringing External Identifier networks to Wise, with integration to banking network Pix.
- Led the implementation of Smarter Defaults, which considers customers' information to provide transfer suggestions.
- Participated in the implementation of the Backend-for-Frontend implementation of the money transfer calculator.
- Acted as Project Owner for Lunar New Year lucky draw promotional campaign.
- Active involvement in incident management and recovery for Tier 1 services.
- Involved in the on-call rotation, contributing to enhancing service reliability and reaching 99.99% uptime.

### Amazon — Technology Company

**May 2023 — September 2023**

*Software Engineering Intern*

*Berlin, Germany*

- Part of the Music Feature Repository team to provide personalised recommendations and suggestions to users.
- Delivered backoffice tooling reducing machine learning feature on-boarding time and improving feature ownership.
- Utilized AWS services including DynamoDB, AWS Lambdas, SNS, S3 Buckets, Redis, EC2 Instances.

### Huawei — Technology Corporation

**October 2022 — April 2023**

*Technical Engineer Intern*

*Milan, Italy*

- Part of the Delivery and Service Business Department of Huawei Italy.
- Developed internal multi-module software system to automate customer lifetime testing.
- Worked with Java, Java RMI, Domain Driven Design, SOAP and REST.

### Wise — Financial Technology

**June 2022 — September 2022**

*Software Engineer Intern*

*Tallinn, Estonia*

- Part of the Send Money team which owns the global cross-currency transfer creation flow.
- Delivered "saving senders as contacts" which automatically creates a contact for the recipient of a transfer.
- Employed Grafana and Kibana for observability and real-time monitoring.

## Notable Projects

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### DES Encryptor | Java, JavaFX, Eclipse

- A Java and JavaFX based DES Encryptor utility.
- Created with Domain-Driven-Design approach and object-oriented programming practices.

## Technical Skills

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- **Languages:** Java, Groovy, Bash, JUnit
- **Observability and Deployment:** Docker, Kubernetes, Grafana, Kibana, Spinnaker
- **Cloud and Databases:** PostgreSQL, MariaDb, Redis, Kafka

## Soft Skills and Interests

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- Able to communicate fluently in Italian (L1), English (IELTS C2) and Chinese (HSK 5).
- Interested in Cryptography, Computer Security, iOS Jailbreaking and rockets.