



JUN XIANG FEDERICO ZHOU, 24

✉ junxiangfederico.zhou@gmail.com  github.com/junxiangfederico  +39 333 7543212

Education

University of Milan

Bachelor's of Science in Computer Science

2019 – 2023

Milan, Italy

Georgia Institute of Technology

Georgia Tech Online Master of Science in Computer Science

2023 – Present

Experience

Wise — Financial Technology

September 2023 — Present

Software Engineer

Tallinn, Estonia

- Contributed to bringing External Identifier networks to Wise, with integration to banking network Pix.
- Lead 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.
- Involved in the on-call rotation, actively contributing to enhancing service reliability and ensuring system 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

DES Encryptor | Java, JavaFX, Eclipse

- A Java and JavaFX based DES Encryptor utility.
- Utilized Java to program the backend and JavaFX for the frontend.
- Implemented object-oriented programming practices.

Technical Skills

- **Languages:** Java, Groovy, Bash, JUnit
- **Observability and Deployment:** Docker, Kubernetes, Grafana, Kibana
- **Cloud and Databases:** AWS (DynamoDB, S3, SNS), PostgreSQL, MariaDb, Redis

Soft Skills and Interests

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