



# JUN XIANG FEDERICO ZHOU, 24

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## Education

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### 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

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### Wise — Financial Technology

*Software Engineer*

September 2023 — Present

*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

*Software Engineering Intern*

May 2023 — September 2023

*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

*Technical Engineer Intern*

October 2022 — April 2023

*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

*Software Engineer Intern*

June 2022 — September 2022

*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.
- Utilized Java to program the backend and JavaFX for the frontend.
- Implemented object-oriented programming practices.

## Technical Skills

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- **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

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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.