



# JUN XIANG FEDERICO ZHOU, 23

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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 (formerly TransferWise) — Financial Technology

September 2023 — Present

*Software Engineering Graduate*

*Tallinn, Estonia*

- Rejoined the Send Money team bringing a seamless cross-border money transfer experience.

### Amazon — Technology Company

May 2023 — September 2023

*Software Engineering Intern*

*Berlin, Germany*

- Amazon is an multinational technology company that focuses on e-commerce, cloud computing, online advertising, digital streaming, and artificial intelligence.
- Utilised AWS services including DynamoDB, AWS Lambdas, SNS, S3 Buckets, Redis, EC2 Instances.
- Worked in the Music Feature Repository team with the Machine Learning Team to provide personalised recommendations and suggestions to users.
- Delivered impactful project which reduced machine learning feature onboarding time, improved data integrity, and feature ownership.

### Huawei — Technology Corporation

October 2022 — April 2023

*Technical Engineer Intern*

*Milan, Italy*

- Huawei is a technology corporation that 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.

### Wise (formerly TransferWise) — Financial Technology

June 2022 — September 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.

## Notable Projects

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### 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.

## Technical Skills

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

**Database Management:** PostgreSQL, MySQL, Elastic Cache, DynamoDB

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

## Leadership

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### RSAlty

*President*

2021

*University of Milan*

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

## 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.