JUN XIANG FEDERICO ZHOU, 24

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Education

University of Milan   **2019 − 2023**
Bachelor's of Science in Computer Science   *Milan, Italy*

Georgia Institute of Technology   **2023 − Present**
Georgia Tech Online Master of Science in Computer Science

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.
- Created with Domain-Driven-Design approach and 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, Kafka

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.