Stefano **Ivancich**
SOFTWARE ENGINEER

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Overview

- Backend Software Engineer with experience building scalable global Payment systems.
- Led end-to-end delivery of multiple payment features from design, development, testing and rollout.
- Managed daily cross-functional collaboration with Operations, Data Science and Product across teams and orgs.

Work Experience

Uber
Amsterdam, Netherlands

SOFTWARE ENGINEER
02/2024 - current

- Working on Uber payment and **checkout** backend systems, reducing payment friction and increase conversion rate for **50M+** payments/day.
- Implemented 1-click payment for Multi-Store ordering, resulting in 2% increase of orders and 25% reduction in payment cost. [**link**]
- Designed, implemented an deployed several backend initiatives to reduce user arrears, resulted in a combined 8% reduction.
- Contributed to design and launch of self-service rides booking kiosks at airports and hotels, unlocking 100k/day net new users.
- Integrated payments for Metro Ticketing on Uber, unlocking access for 1M/day net new users. [**link**]
- Launched on-trip payment switching feature, enhancing user flexibility and reducing payment friction. Used by 800K users/day.
- Implemented several improvements for checkout actions experience (2FA, fingerprinting, 3DS, ...) to enhance user experience, resulting in 1.3% increase in conversion rate.
- Improved payment splitting for Uber For Business and introduced Business Vouchers, increasing conversion rate by 4.2%. [**link**]
- Led several refactoring initiatives to reduce tech debt, increased E2E test coverage, improved observability and reliability of backend systems.
- Actively participate in **on-call rotation** 24/7 once a month, involved in **30+ incidents** resolutions and supporting daily engineering stakeholders.
- Mentoring other engineers through designs, code reviews and operational support.
- Working with **GO**, SQL, Python, Java, Kafka

SOFTWARE ENGINEER INTERN
07/2022 - 01/2023

- Improved payment error messages, resulting in a 3% increase in user conversion rate after a payment failure.
- Designed and developed a dashboard to monitor payment methods adoption across country, features, business to support strategic leadership business decision.

Amazon Web Services
Berlin, Germany

SOFTWARE ENGINEER INTERN
03/2022 - 06/2022

- Improved alerting, observability and reliability of machine learning pipelines, resulting in reduction of incidents by 14%.
- Designed and implemented ML models and pipelines for a **recommender system** that places ads inside Amazon Prime Videos.
- Working with: **Python**, Pythorch, flask, GO, Java, Kotlin, **AWS**, SQS, S3, Sagemaker, EC2

Education

University of Padova
Padua, Italy

MSC IN COMPUTER ENGINEERING
current

- Coordinated Telegram groups of 1000+ students in order to help them collaborate
- Organized Lecture notes, exercises and sum-ups for 19 courses enabling students to achieve higher grades [**Link**]
- **Main courses**: Web Applications, Big Data, Machine Learning, Deep Learning, Advanced Algorithms, Distributed Systems, Internet of Things, Operation Research, Innovation, Entrepreneurship, Finance, Strategic Enterprise Management
- Still enrolled, working on final thesis.

University of Padova
Padua, Italy

BSC IN COMPUTER ENGINEERING

- **Main courses**: Artificial Intelligence, Databases, Data structures & algorithms, Operative Systems, Computer architectures, Control Theory, Electronics, Discrete Math, Probability, Linear Algebra, Calculus 1 & 2, Physics 1 & 2, Project Management, Business Administration
- **Thesis**: Alzheimer diagnosis with Deep Learning. [**Code** | **Paper**]

Extra

Nova Talent

MEMBER
03/2022 - current

- Nova is the by-invitation-only network where the top 3% of worldwide talent connect with each other, develop and accelerate their careers through exclusive collaborations and activities with top companies and provessionals.