

Maksim Kuznetsov

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Experience

Senior Software Engineer, [Checkout.com](https://checkout.com) (*London*), Feb 2023 – present

- Working on a platform for real-time payment acceptance optimisations. (Stack: **Golang**, **DynamoDB**, **Redis**, **gRPC**.)

Software Engineer, [Stripe](https://stripe.com) (*London*), Jun 2021 – Dec 2022

- Built, expanded, and maintained integrations with financial partners to enable money movement for various Stripe products in the UK/EU markets. (Stack: **Ruby**, **Java**, **MongoDB**, **gRPC**.)
- Scoped, planned, and executed technical projects with other contributors and multiple internal and external stakeholders.
- Spun up and mentored new Stripe engineers. Gave internal talks about various aspects of financial partner integrations.

Software Engineer, [OZON.ru](https://ozon.ru) (*Moscow*), Mar 2021 – Jun 2021

- Maintained and built new features in backend services that enabled validation of product details provided by marketplace sellers. (Stack: **Golang**, **PostgreSQL**, **gRPC**.)

Software Engineer, [Yandex](https://yandex.com) (*Moscow*), Jan 2017 – Dec 2019

- Designed, built, and maintained backend services for business and software development infrastructure. (Stack: **Python**, **Django**, **PostgreSQL**, **MongoDB**, **REST API**.)
- Improved performance, stability, and observability of large-scale distributed systems.

Software Engineer Intern, Intel (*Moscow*), Jun 2011 – Jun 2013

- Contributed to AVX-512 support in GCC (**C**, **x86 assembly**); the patches have been [accepted to GCC 4.9](#) in 2014.
- Implemented an AVX-512 specific optimisation in GCC resulted in 1% improvement on SPECfp benchmark.

Teaching

Introduction to Algorithms, Higher School of Economics (*Moscow*), Jan 2017 – Jun 2020

- Gave lectures and seminars; designed homework assignments; conducted exams.
- Built an [online platform](#) (**Golang**) with auto-graded programming assignments for students.

Computer Architecture, University of Hertfordshire (*Hatfield, UK*), Oct 2015 – May 2016

Education

University of Hertfordshire (UK), MSc by Research, Computer Science. , Jan 2014 – Jul 2016

Moscow Institute of Physics and Technology, BSc, Applied Mathematics and Physics. , Sep 2009 – Feb 2014