

# MARTIN MIKUSOVIC

Based in: London, UK | Phone: +447519656561 | LinkedIn: Martin Mikusovic | Email: [m.mikusovic@gmail.com](mailto:m.mikusovic@gmail.com)  
Website: <https://www.martinmikusovic.com> | Mobile app: <https://testflight.apple.com/join/hypzLYbQ>

A Software Development Engineer at Amazon with a MSci in Computer Science from King's College London and 7 years of iOS development experience. Proven success with 24 App Store published apps.

## EDUCATION

**MSci Computer Science (Artificial Intelligence) | King's College London** 2018 – 2022

- A in all modules; Final grade: First Class (A); GPA: 4.0
- Springer Nature Prize | Academic year 2020/2021
  - Best performance by a third year MSci student in the Department of Informatics
- Undergraduate Informatics MSci Year 4 Prize | Academic year 2021/2022
  - Best performance by a fourth year MSci student in the Department of Informatics

## WORK EXPERIENCE

**Amazon | Software Development Engineer | London, UK** July 2022 – Present

- Alexa Images Team - responsible for providing the most appropriate images for customer's question
- **Ingestion Pipeline:** Designed, implemented, tested and deployed parts of our Ingestion Pipeline that already ingested more than 100 MM images. It consists of AWS Lambda microservices built in Python and Java, accessible via an API Gateway, connected with SQS and communicating with DynamoDB and S3.
- **Q4 Peak 2022:** Led efforts of our team to prepare for traffic peak traffic during Christmas - more than 3500 TPS (~5x traffic increase from last Christmas). Needed to scale our fleet by 40% to handle the traffic and update alarms and throttling limits. Ran load tests with the desired TPS to verify we are scaled enough and collaborated with our upstreams and downstreams to resolve identified issues. I also created resources for my team in case an issue happens during Christmas and managed our Command Center rota. We encountered no issues during the peak.

**Amazon | Software Development Engineer (Part time) | London, UK** November 2021 – June 2022

- Alexa Images Team - responsible for providing the most appropriate images for customer's question
- Built and improved products mainly using Java, Python and JavaScript, utilising AWS

**Amazon | Software Development Engineer Intern | London, UK** June 2021 – September 2021

- Alexa Images Team - responsible for providing the most appropriate images for customer's question
- Created an internal tool for exploring our collection of images based on popularity using React frontend, Java backend, running on AWS

**King's College London | Teaching Assistant | London, UK** September 2019 – April 2021

- Led Small and Large Group Tutorials for: Logic with Applications, Foundations of Computing and Database Systems

**QBSW | iOS Developer (Part time) | Remote** May 2017 – November 2021

- In a team of 2 iOS Developers worked with key stakeholders such as PMs, Analysts, Backend Engineers
- Successfully published 12 apps for variety of clients; such as a major health insurance provider in Central Europe

## VOLUNTEERING

**Karma Volunteering | Mobile App Developer | London, UK** January 2020 – September 2020

- University project chosen as the best one (group project of 8 people – mobile app & backend)
- Mobile app for finding volunteers for causes. Any organization can register to look for volunteers.
- After project submission we worked on it voluntarily to publish it to App Store and Google Play

## EXTRA-CURRICULAR

**Apple WWDC17 | San Jose, California, USA** June 2017

- Winner of a student design and coding competition, rewarded by reimbursement for the conference
- Submitted a funny game written in Swift and essays describing it and how I share my knowledge with others.

**KCL Tech Society Committee member | London, UK** October 2018 – June 2022

- Ran iOS Workshop for 3 months and helped to organize many events and hackathons (HackKing's)

## SKILLS

**Skills:** Java, Python, Swift (iOS Development), Dart (Flutter), JavaScript, TypeScript, AWS, C++, PHP, SQL, Scala, HTML, CSS, Artificial Intelligence and Machine Learning

**Languages:** Slovak (Native), English (certificate IELTS | level C1), German (certificate DSD II | level C1), Czech (Native)