

Mikhail Bobkov

mibobkov@gmail.com | +79165269726
<https://github.com/mibobkov>

EDUCATION

IMPERIAL COLLEGE LONDON

MENG COMPUTING, 2014-2018
2nd class honours (upper division)
GPA: 3.3/4
Software Engineering Algorithms
Software Engineering Design
Software Engineering for Industry
Databases
Computational Techniques
Mathematical Methods
Machine learning
Advanced Robotics

OUNDLE SCHOOL

A-LEVELS, 2012-2014
Physics: D2
Maths: A*
Further Maths: A*
Chemistry: A
Biology AS: A

SKILLS

Proficient :

Java • Spring Framework • Git

Basic:

SQL • Python • PyTorch • Docker • C •
C++ • HTML • CSS • JavaScript

LANGUAGES

Russian - Native
English - Fluent
French - Basic
German - Basic
Japanese - Basic

COMPETITIONS

Morgan Stanley Hackathon (2015)
Team of 5 people. Created an application, which helps parents to keep track on their children's health. Developed a data graph generator using PHP and JavaScript.
Bloomberg CodeCon (2015)
Used C++ and Java to solve different challenges. Finished 8th in Imperial from 25.

WORK EXPERIENCE

YANDEX.MARKET | JAVA SOFTWARE ENGINEER

September 2019 - June 2021, Moscow

- Optimized postgresSQL queries to reduce CPU load on database and made optimizations and improvements to component's task scheduler system, which increased maximum throughput tenfold and drastically sped up task completion speed.
- Was responsible and completed a project on performance and stability metrics and monitorings of components.
- Various business logic improvements (Java, Spring).

YANDEX.MARKET | JAVA SOFTWARE ENGINEERING INTERN

June 2019 - September 2019, Moscow

- Worked in two different teams in Yandex Market
- Technology Stack: Java, Spring Framework, Git.
- Improved, refactored, optimised ticket autoweigher tool, sped up its daily database update by 5 times.
- Worked with various Yandex Delivery components, added scheduled tasks custom logging and monitoring for one of the critical components.

BREXAN HOWARD | SOFTWARE ENGINEERING INTERN

April 2017 - September 2017 (5 months), London

- Implemented a service for managing user permissions from scratch, full stack. (React.js, Redux, Java, Spring, MySQL)
- Tested how Apache Kafka works with Docker containers and what are the possible failure scenarios.

METASWITCH | SOFTWARE ENGINEERING INTERN

June 2016 - August 2016 (2 months), Coventry

- Improved a translation tool written in Java.
- Added functionality to Call Feature Service, written mostly in C.
- Wrote Python scripts for automating parts of my tasks.
- Improved my abilities to work on a big project, to work with other people's code, ability to learn new things and communication skills.

PROJECTS

TELEGRAM GAME BOT | 2019

Made a small RPG text game in Python for Telegram (Python, SQLAlchemy, AWS EC2, AWS RDS)

ACCELERATING TRAINING STAGE OF THE CNN | 2018

Testing different regularisation algorithms for ResNet architecture and multilevel learning (PyTorch)

WEB APPS PROJECT | 2016

Developed a web based Bomberman game. (JavaScript, Babylon.js, Java, MySQL)