Daniel Polzik

Linkedin: https://www.linkedin.com/in/daniel-polzik/
Github: https://github.com/PDDMain
Website: http://polzik.ru/daniel

Email: polzikdanden@gmail.com
Mobile: +357-94440918

EDUCATION

- **Neapolis University** — Paphos, Cyprus
  Bachelor's in Applied Computer Science. From 6th semester. Grant from JetBrains — *February 2023 - December 2024*

- **ITMO University** — Saint-Petersburg, Russia
  Bachelor's in Applied Mathematics and Computer Science — *Sep 2019 - January 2023*

- **Physical Technical High School** — Saint-Petersburg, Russia
  Secondary education — *Sep 2014 - June 2019*

EMPLOYMENT

- **Yandex internship** — Saint-Petersburg, Russia
  Software Engineer on Spring, Kotlin, Java, SQL, Perl — *Dec 2021 - July 2022*

TECHNICAL EXPERIENCE

- **Neapolis University** — Paphos, Cyprus
  Computer Science student — *2023*
  - **Parallel algorithms in Kotlin**: Realisations of Treiber stack with the elimination technique, Michael-Scott queue, FAA-based queue with removal, Flat-combining-based queue, DCSS (double-compare single-set), CAS2, array, hash table
  - **CPP student projects**: realisations of bigint, unique_ptr, shared_ptr, optional, vector, doctest
  - **Compiler of programming language**: a compiler of functional programming language Lama with parser, translation to stack machine language and then to x86 assembler

- **ITMO University Projects** — Saint-Petersburg, Russia
  Computer Science student — *2019-2022*
  - **Shell in Java**: a realization of console application using Java.
  - **Website for posts**: a website, where user can write post and sent to others with using Spring framework, MariaDB, Java, HTML, CSS, Javascript.

- **JetBrains Android Academy** — Saint-Petersburg, Russia
  School intern — *Summer 2018*
  - **Game for Android**: a mobile game that imitates production management in Kotlin.

- **Physical Technical High School Project** — Saint-Petersburg, Russia
  School student — *Winter 2018 - Winter 2019*
  - **Scanner of forms on Android**: a mobile application that helps teachers in checking paper tests using OpenCV, Java, C++ and Android

COMPETITIVE PROGRAMMING AND MATH

- **Russian Regional Olympiads in Informatics (2017, 2018, 2019)**: 2th degree awards
- **Open Olympiad "IOIP" in Informatics (2019)**: 2th degree award
- **Open Olimpiad "OMMO" in Math (2019)**: 1th degree award

SKILLS SUMMARY

- **Coding languages**: Java, Kotlin, C++, Python, Javascript, Scala, Haskell, Coq
- **Tools**: Git, Spring, MySQL, Maven, Gradle, Spring, Android, Unix, JUnit, InteliJ IDEA, Clion
- **Langues**: English - intermediate, German - elementary, Russian - native
- **Other**: Data structures, Algorithms, Parallel Programming, OOP, Functional Programming, Mathematical Analysis, Probability Theory, Linear Algebra