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EDUCATION

- **National Research University ITMO**
  Information systems and technologies

  Saint-Petersburg, Russia
  Sept. 2020 - Aug. 2024 (Present)

PROJECTS

- **Car Shop**
  `Java` `Spring` `postgres` `JPA` *Dec. 2022*

  Learned the Spring Boot framework. Work with DataBase (postgres) using JPA.
  Application contains the autorization and registration of car sellers.
  It also provides an API for finding cars by color.

- **Client Generator**
  `C#` `Java` `Roslyn` `LINQ` *Sept. 2022*

  For the Java server, a C# client is generated using Roslyn.
  Implemented a parser for the model and controllers into a syntax tree.
  And then a C# client is created using it.

- **Code fixer and analyzer**
  `C#` `Roslyn` `LINQ` *May 2022*

  The analyzer finds methods that have the Try prefix in their name and issues a warning if a non-bool value is returned.
  After acceptance, code fixer performs a signature substitution so that it returns a bool + out parameter.
  It was developed using the Roslyn parser and abstract syntax tree parsing.

- **Reports**
  `C#` `Swagger` *Mar. 2022*

  A server application with a multi-layer architecture has been implemented, providing an API for working with the reporting system in team development.
  Used Swagger for testing functionality.
  Implemented a Data Access Layer with using Entity Framework.

- **Bank System**
  `C#` *Dec. 2021*

  Banking system with UI. The central bank controls all transactions. There are accounts and clients for each bank.

ACHIEVEMENTS

- **Tinkoff Java course. Spring 2023.**
  `Java` `Spring` `Maven` `JUnit5/Mockito` `ORM/JDBC` `Liquibase` `JMS/Kafka` `Docker` `CI,CD` `OpenAPI Specification/Swagger` *Mar. - May 2023*

- **Competitive Programming**
  `C++` `Algorithms and data structure` *2016 - 2020*

  ICPC(45 place), Codeforces (2100)

- **Regional Olympics**
  `Critical thinking`

  Math (2014-2020), Physics (2016-2018), Programming (2017-2020)

PROGRAMMING SKILLS

- **Languages**: C++, C#, Java, Python
- **Technologies**: SQL, Git, Bash, Maven, Docker, Kafka
- **Knowledge**: Algorithms, Data Structures, Operating Systems, Databases, Object-Oriented Programming, Machine Learning, Web Programming, UML