

EDUCATION

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| <ul style="list-style-type: none">National Research University ITMO <i>Information systems and technologies</i> | Saint-Petersburg, Russia <i>Sept. 2020 - Aug. 2024 (Present)</i> |
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PROJECTS

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| <ul style="list-style-type: none">Car Shop <div>JavaSpringpostgresJPA</div><p>Learned the Spring Boot framework. Work with DataBase (postgres) using JPA. Application contains the authorization and registration of car sellers. It also provides an API for finding cars by color.</p>Client Generator <div>C#JavaRoslynLINQ</div><p>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.</p>Code fixer and analyzer <div>C#RoslynLINQ</div><p>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.</p>Reports <div>C#Swagger</div><p>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.</p>Bank System <div>C#</div><p>Banking system with UI. The central bank controls all transactions. There are accounts and clients for each bank.</p> | <div>Dec. 2022</div> <div>Sept. 2022</div> <div>May 2022</div> <div>Mar. 2022</div> <div>Dec. 2021</div> |
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ACHIEVEMENTS

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| <ul style="list-style-type: none">Tinkoff Java course. Spring 2023. <div>Java</div>Competitive Programming <div>C++Algorithms and data structure</div><p>ICPC(45 place), Codeforces (2100)</p>Regional Olympics <div>Critical thinking</div><p>Math (2014-2020), Physics (2016-2018), Programming (2017-2020)</p> | <div>Mar. - May 2023</div> <div>2016 - 2020</div> |
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PROGRAMMING SKILLS

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| <ul style="list-style-type: none">Languages: C++, C#, Java, PythonTechnologies: SQL, Git, Bash, MavenKnowledge: Algorithms, Data Structures, Operating Systems, Databases, Object-Oriented Programming, Machine Learning |
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