

# Alasheev Aleksey

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## EDUCATION

- Peter the Great St. Petersburg Polytechnic University** Saint-Petersburg, Russia  
*Fourth-year System analysis and Management* Sept. 2019 - Present
- Learning SQL and Java** Saint-Petersburg, Russia  
*Java-Backend Infrastructure, SQL Datacamp Courses* Mar. 2022 - Present
- Education on course algorithms and data structures from Yandex** Saint-Petersburg, Russia  
*Basic data structures, sorting algorithms, code testing* April. 2023 - August 2023

## EXPERIENCE

- Bercut** Saint-Petersburg, Russia  
*Junior Software Engineer, Software development team for Tele2 business unit* June. 2022 - June. 2023
  - Java SoapUI Linux
  - Had an internship from June 2022 - December 2022
  - Developed Unit tests for new functionality, developed components of microservice architecture
  - Worked with the Linux console deployed and configured the test bench on a remote machine

## PROJECTS

- Run and chase mini game on Unity** May. 2021
  - Unity C#
  - Implemented a training project in the team, developed a game engine with artificial intelligence in the C# programming language
  - Built a level of the game, the graphic and animation part of which were made using the Unity development environment.
- Music player** Feb. 2022
  - Java Maven MySQL JavaFx
  - The application consists of 4 parts: a window with authorization or registration, a user's music library, a shared library and a music player
  - Everything was written in Java
  - Implemented the graphical part of the application using JavaFX.
  - Implemented the functions of adding and removing tracks from the library, registering and authorizing users, all the functions of a standard music player
  - Tracks and user data are synchronized with a database running on MySQL
- Hackaton project** Nov. 2022
  - Python Git Json
  - Implemented an application for parsing commits of the selected repository.
  - Creating a learning model based on Catboost to predict the author's assumption of an error in the commit.
  - Made a convenient mobile version.
- Emotion recognition system based on electroencephalography signals (graduation project)** May 2023
  - Python NumPy Pandas Matplotlib Seaborn SciPy MNE
  - Creating two emotion recognition systems
  - Application of various classification methods and comparison of the results obtained
  - Application of various methods for the extraction and selection of features, preprocessing raw data of the electroencephalography signal

## TECHNICAL SKILLS

- Programming languages and frameworks:** Java, Kotlin, JUnit, Python.
- Technologies:** SQL, SoapUI, Git, Linux, Bash.

## LANGUAGES

- Languages:** Russian, English