TOAN NGUYEN

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About me: Student at ITMO University with a strong passion for Software Development, actively seeking job opportunities to work and improve my knowledge. Strong programming skills in Java and Python.

TECHNICAL PROJECTS

DESIGNING AND DEVELOPING AN ORGANIZATION MANAGEMENT SYSTEM   05/2022 - 06/2022

Develop multilingual user interface   06/2022
- **GitHub:** https://github.com/NgToanRob/ProgrammingLab8
- **Descriptions:** Replace the console client with a client with a graphical user interface using javaFX. Features of user include window with authorization/registration, suport 4 languages, ...
- **Tech stack:** JavaFX, Canvas

Building a database system and storing data for users on PostgreSQL   05/2022
- **GitHub:** https://github.com/NgToanRob/ProgrammingLab7
- **Descriptions:** Build a system to manage each user's data and prevent unauthorized users from executing commands. Implement multi-threaded processing of requests
- **Tech stack:** Java Multi-Threading, PostgreSQL

Build the architecture of the software   05/2022
- **GitHub:** https://github.com/NgToanRob/ProgrammingLab6
- **Descriptions:** Use several design patterns to design the software architecture and divide the management and implementation of the responsibilities of Server and Client, ensuring connectivity between them using a TCP connection.
- **Tech stack:** Java Networking, Stream API, Command Design Pattern

ACTIVITIES AND AWARDS

- **Third prize in the competition: Vietnam National Excellent Student in Physics**   01/2019

EDUCATION

Saint Petersburg   **ITMO University**   **10/2021 – Now**
- Major: **Robotics and Artificial Intelligence**
- Coursework: Integral, Java Programming, Embedding theory
- **100%** Scholarship

Ho Chi Minh City   **Ho Chi Minh City University of Technology**   **9/2020 –04/2021**
- Major: **Mechatronics**
- Coursework: Integral, Physics, Mechanical Theory, AutoCad
- **Top 4** GPA of mechanical engineering faculty
- **Full** Scholarship of university and Scholaship of Pacific Links Foundation (USA)

Quang Ngai   **Le Khiet High School for the Gifted**   **9/2016 –04/2019**
- Major: **Physics and Math**
- Coursework: In-depth study of Mathematics and Physics
- **Full** Scholarship of high school

SKILLS

- **Programming languages:** Java, Python
- **Familiar**: Matlab**, PostgresSQL
- **Frameworks**: JavaFX, Pandas, Keras, Matplotlib, Simulink
- **Tools**: InteliJ IDE, Visual Studio Code, Gradle, GitHub, Google Colaboratory, Linux
- **Language:** English, Russian