

# TRAN TRUNG DUC

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## EDUCATION

**ITMO University**, Saint Petersburg, Russia

**2017-2021**

- Bachelor in Computer Science
- Relevant coursework: Discrete Mathematics, Data Structures and Algorithms, Possibility Theory, Computation, Applied Mathematics, Optimization Method, Programming, Introduction to Computer Engineering, Database System, System Programming Language, Web Development, Systems Software, Computer Organization and Architecture, Introduction to System Programming

**University of Engineering and Technology (UET)**, Hanoi, Vietnam

**2015 - 2016**

- Bachelor in Computer Science

## HONORS AND AWARDS

**Vietnam Government Scholarships**

**2016**

*A scholarship awarded by the Government of Vietnam for outstanding Vietnamese college freshmen*

**Vietnam National Olympiad in Informatics • Bronze Medal**

**2014**

*The biggest competitive programming contest hosted by the Minister of Education for high school students in Vietnam*

## PROFESSIONAL EXPERIENCE

**Software Engineering - Back-End team • Grab, HCM**

**October 2021 - Present**

- Built and maintain Payment SDK that helps partner easier to integrate with GrabPay system.
- Work with Vietnamese partners and Grabpay teams to help the integration flow.
- Deploy instances for MOCA wallet to keep up-to-date with Grabpay system
- Monitor MOCA systems and check logs for payment flow
- Technology used: Golang, Java, Php, Python, Nodejs, aws

**Software Engineering - Back-End team • OOO EPAM Systems, Russia**

**Jan 2020 - March 2021**

- Built an online queuing system that helps customers save time through securing a spot online and only showing up when it is a specific customer's turn. This system can be used in hospitals, restaurants, and banks.
- Created APIs so other companies can implement this system into their systems
- Utilized Telegram Bot to make this system easier to use, without dealing with APIs
- Improved speed performance of the server by more than 50%
- Technology used: Java, JUnit, Git, Maven, Telegram-bot API

## SELECTED PROJECTS

**Online store reviews summary**

**Feb 2021 - May 2021**

*This project collects data from reviews of previous buyers and summarizes them to create short text about users experience of product*

- Created subsystems for downloading reviews from amazon by using Scrapy framework
- Built a system to summarize downloaded reviews in short text using NLP libraries and Pre-Trained model
- Created a Telegram bot for customers to use the system more easily
- Successfully found feature of Amazon website by analyzing data
- Technologies used: Python, NLTK, Tranformer-Sentence, Scapy, Scrapy, Telegram-bot API

**Grade-checking Website**

**Feb 2019 - Jun 2019**

*A simple website to check if a coordinate belongs to a shape*

- Created a simple website for checking the grades of my classes without going through layers of menus
- Used Spring Security to authenticate users
- Technologies used: Ajax, Vue.js, JSP, JSF, Spring, RESTful, HTML, CSS and JavaScript, JPA

## SKILLS

**Programming:**

- Languages: Golang, Java, Kotlin, C, C++, JavaScript, PostgreSQL, HTML, CSS, Bash
- Frameworks and Tools: Git, Spring, JSP, JSF, Hibernate, JDBC, REST API, VueJS, gradle, MVC
- Knowledge: Algorithms and Data Structures, System Software, Database Design, Distributed Computing Basics

**Linguistics:**

- Vietnamese (first language) • Russian (proficiency) • English (intermediate)

## LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

**Member of Executive Board • UET Presentation Club**

**Jul 2016 - Oct 2016**

- Made recruitment plan, searched about 30 potential applicants and managed the application process
- Taught a group of seven people about persuasive speaking and communication skills