

# Vladislav Ramus

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## EDUCATION

### HSE UNIVERSITY

#### BS IN COMPUTER SCIENCE

Exp. June 2022 | Moscow, Russia

### SCHOOL 618

#### HIGH SCHOOL

Advanced Physics and Mathematics  
Grad. May 2015 | Zelenograd, Russia

## COURSEWORK

### IT

Machine Learning  
Computer Architecture  
Operating Systems  
Data Structures and Algorithms  
Distributed Systems  
Database Systems  
Basics and Methodology of Programming

### MATHEMATICS

Calculus  
Linear Algebra  
Probability and Statistics  
Differential Equations  
Discrete Math  
Optimization Methods  
Theory of Computing

## SKILLS

### HARD SKILLS

#### Languages:

Python • SQL • C/C++ •  $\text{\LaTeX}$

HTML • CSS • JavaScript

#### Applications:

Git/GitHub • Shell • Jupyter

#### Libraries:

Flask • Django • Pandas • NumPy • SciPy  
Matplotlib • PostgreSQL • BeautifulSoup

### SOFT SKILLS

#### Strong

Leadership • Communication • Teamwork  
Problem-Solving • Time Management  
Critical Thinking • Resourcefulness

## WORK EXPERIENCE

### PYTHON PROGRAMMING | TUTOR

Nov 2018 - Present | Moscow, Russia

- Teaching a beginner course for schoolchildren.
- Teaching an advanced course for students.

### MATHEMATICS | TUTOR

Nov 2018 - Present | Moscow, Russia

- Teaching a beginner course for schoolchildren.
- Teaching an advanced course for students.
- Preparing for the Unified State Exam.

### INFORMATICS | TUTOR

Nov 2018 - Present | Moscow, Russia

- Teaching a beginner course for schoolchildren.
- Teaching an advanced course for students.
- Preparing for the Unified State Exam.

## TECHNICAL PROJECTS

### VIDEO POPULARITY FORECASTING METHOD | 3RD-YEAR PROJECT

Nov 2020 - Present (Exp. May 2021) | Moscow, Russia

A study and development of video popularity forecasting method for CDN.

### HYPERJOB AGENCY | JETBRAINS ACADEMY

Mar 2021 - Apr 2021 | Moscow, Russia

An online application for a recruitment agency. It is a website that brings job hunters and recruiters together.

### EULER'S METHOD WITH PYTHON | 2RD-YEAR PROJECT

Apr 2020 - May 2020 | Moscow, Russia

Research and implementation Euler's method for numerical solution of ODE.

### PROBLEM GENERATOR | 2RD-YEAR PROJECT

Dec 2019 - May 2020 | Moscow, Russia

Web application for problem generation on the topic "Algorithm for the Implementer" for high school informatics lessons.

## CERTIFICATIONS

### COURSERA | ONLINE COURSE

Aug 2018 - Present

- Introduction to Deep Learning
- C++ Development Basics
- Mathematics and Python for Data Analysis