



# Timofei Podkorytov

2nd year Student BS's Computer Science

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Birthday: 23.10.2004. Nationality: Russian.

🔗 Tpdkr    in Timofei Podkorytov

📍 Bremen, Germany

## EDUCATION

### BS in Computer Science. Constructor University

Bremen, Germany

Sept 2023 – May 2026

- **1.35 GPA**, 90 credits already completed

### Specialized Scientific and Educational Center

High school, Yekaterinburg, Russia

Sept 2020 – May 2023

- **100% GPA**, Straight A diploma.
- **Coursework:** Mathematics(Calculus), Python and C++, algorithms

## CODING

### Website project. Databases and web services(95%)

Fall 2024

- Engineered a MySQL database and a website connected to it
- Used git, SQL, CSS, HTML and PHP during 10 assignments

### Operating systems assignments(C/Linux/POSIX)

Fall 2024

- Solved problems about UNIX system calls using C in 11 assignments
- Used POSIX condition variables,locks to simulate a vending machine
- Learned Semaphores and their use cases

### Android German Vocabulary application

December 2024-Now

- Created an easy way to memorize new words tailored for German
- Used Kotlin, Rooms(SQL), view models, and 3 layer architecture
- Jetpack compose for UI and visuals in 8 screens

### BMW causal machine learning hackathon

Nov 29 - Dec 1

- Analyzed sensor data from over 300 sensors
- Used python to build the model as well as to create the visual graphics

### Development in Java Virtual Machine(Kotlin)

Spring 2024

- Learned asynchronous, functional and object oriented programming
- Extensive use of GitHub for classwork in 8 assignments
- Fetched Wikipedia pages and traversing them, finding the shortest path

## VOLUNTEERING

### Peer mentor at College 3

August 2024 – May 2025

- Helped first year student to become part of the university
- Supported a group of over 10 new student throughout their first year

### Board member of Spectrum club

October 2023 – Present

- Facilitated events club and campus wide with up to 100 attendees
- Club finances, compiling and managing spending on 5 applications in fall

### Vice president of crochet club on campus

February 2024 – Present

- Organized 2 weekly meeting and special events
- Taught the basics to newcomers 1 time a week

## TECHNOLOGIES

**Languages:** C++, C, JavaScript, HTML, CSS, PHP, SQL, Kotlin, Makefiles, Python, Haskell

**Technologies:** Linux, git, VS-code, Android Studio, IntelliJ IDEA

## COURSEWORK

- Operating systems(**100%**)
- Databases and web services(**97%**)
- Algorithms and data structures(**100%**)
- Programming in C/C+(**96%**)
- Development in JVM(jet brains)(**93%**)

**Other coursework:** software engineering, secure and dependable systems, computer networks, discrete mathematics

## LANGUAGES

**Russian:** native

**English:** C2

**German:** A2

Last updated: 7.3.2025;  
Bremen, Germany