



# Timofei Podkorytov

## EDUCATION

### BSC IN COMPUTER SCIENCE

Sep 2023 – current Constructor University, Bremen, Germany

- **1.3 GPA, 3d year student**, 175 credits already completed.

### SPECIALIZED SCIENTISTIC AND EDUCATIONAL CENTER

Sep 2020 – May 2023 High school, Ekaterinburg, Russia

- **100% GPA**, Straight A diploma. Gold medal for academic performance

## EXPERIENCE

### WORKING STUDENT, MACHINE LEARNING WITH MARINE DATA

Dec 2025 – current Leibniz Center for Tropical Marine Research

- Continued working on the internship project
- Predicted bacterial data in the ocean with better accuracy
- Improved the code quality of the project and model performance

### INTERNSHIP, MACHINE LEARNING WITH MARINE DATA

Jun 2025 – Sep 2025 Leibniz Center for Tropical Marine Research

- Gathered, formatted and preprocessed datasets in Python
- Trained 3 machine learning models to predict ocean data
- Analyzed and visualized the results using Jupyter notebooks

## UNIVERSITY PROJECTS

### SOFTWARE ENGINEERING PROJECT; FRONTEND TEAM(88%)

Feb 2025 – May 2025

- Designed, developed and deployed a website for project management
- Followed iterative software engineering approach and created project documentation
- Used testing frameworks, JavaScript, CSS and HTML

### DATABASES AND WEB SERVICES WEBSITE PROJECT(95%)

Sep 2024 – Dec 2024

- Engineered a MySQL database and 1 website connected to it
- Utilized git, SQL, CSS, HTML and PHP during 10 assignments

### OPERATING SYSTEMS TASKS(C/LINUX)(98%)

Sep 2024 – Dec 2024

- Solved problems about UNIX system calls using C in 11 assignments
- Completed synchronization tasks using semaphores and condition variables
- Explored Semaphores and their use cases in 3 tasks and the exam

### DEVELOPMENT IN JVM(KOTLIN)(98%)

Feb 2024 – May 2024

- Acquired asynchronous, functional and object oriented coding skills
- Delivered and tracked progress on 8 assignments using GitHub

## PERSONAL PROJECTS

### CV WEBSITE WITH REACT

Jan 2026- current

- Designed and implemented a website in a unique visual style
- Made a way to showcase my projects and repositories
- Improved my React framework skills by doing and practice

### ANDROID GERMAN VOCABULARY APPLICATION

Dec 2024-May 2025

- Made a way for myself to learn German easier and offline
- Executed 3 layer architecture through Kotlin, Rooms(SQL), view models
- Applied Jetpack compose for UI and visuals in 8 screens

## CONTACT ME

Email: tpdkr@gmail.com

Phone: +49-152-564-069-09

GitHub: Tpdkr@GitHub

Website: tpdkr.github.io  
/cv\_page2/

LinkedIn: /in/tpdkr/

Address: College Ring 7,  
28759, Bremen, Germany

Birthday: 23.10.2004

## SKILLS

### Programming Languages:

- Kotlin, C, C++, Python, PHP, JavaScript, Haskell

### Web Technologies:

- HTML, CSS, React, SQL

### Developer Tools:

- Git, GitHub, Linux, Makefiles, LateX

### IDEs & Editors:

- VS Code, IntelliJ IDEA, Android Studio

## UNIVERSITY COURSES

- **(100%)** Human computer interaction
- **(90%)** Software engineering
- **(100%)** Operating systems
- **(97%)** Databases and web services
- **(100%)** Algorithms and data structures
- **(96%)** Programming in C/C++

## LANGUAGES

Russian: native

English: C2

German: B1

Last updated: 1.2.2026; Bremen, Germany

## **VOLUNTEERING**

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### **PEER MENTOR AT COLLEGE 3**

*Aug 2024 - current Constructor University, Bremen, Germany*

- Awarded outstanding peer mentor for my contributions and work in Spring 2025
- Enabled first-year student to integrate into local community
- Informed students on aspects of the German health system
- Spread awareness about health related issues on campus

### **(VICE) PRESIDENT OF CROCHET CLUB**

*Feb 2024 - current Constructor University, Bremen, Germany*

- Taught people in university how to crochet from the start
- Organized 2 weekly meeting and special events
- Participated in campus wide events such as a charity winter market and an art exhibit