

Good afternoon!

My name is Daniil Vladimirovich Pechenkin. I study under the program 10.05.03 - Information security of automated systems at Omsk State University of Railways in the fourth year of the specialty program.

Disciplines and topics of completed coursework:

- 1) Programming languages — class libraries for 2D graphics development (C++);
- 2) Computational mathematics — approximate solution of systems of nonlinear equations;
- 3) Programming Technologies and Methods — Real-time operating system scheduler for switching two tasks (Asm+C);
- 4) Probability theory and mathematical statistics — study of time series (forecasting fuel prices);
- 5) Database Security — Relational database design. Development of a module for the organization of money transfers (MySQL).

The average score of the record book in technical disciplines is 4.71.

The average score of the credit book in the humanities is 4.83.

I will tell you a little about my knowledge and skills.

I understand digital and analog electronics, I have experience working with computer equipment.

I have experience designing printed circuit boards in sprint layout 6.0 and manufacturing using the LOOT method, as well as assembling (soldering) and configuring the circuit. I have been assembling operational amplifiers of classes A, B, AB, also assembling various kinds of volume controls and equalizers, and also assembling metal detectors. There was also experience in the development and assembly of a 220V - 12/24V power converter.

I am familiar with networks, TCP/IP stack, OSI model, I am familiar with Cisco, worked with Cisco Packet Tracer. I also studied wireless data transmission systems: Wi-Fi, BT, WiMAX.

I have also studied 1G, 2G, 3G, 4G, 5G networks.

I have worked with INFOTEX products, namely, I have set up a ViPNet coordinator, a ViPNet client, and a ViPNet terminal.

At university I worked with programming languages: C, C++. I wrote a game similar to sokoban using the SFML framework.

CodingGarden of 7bits also took place. There is also a C++ game with the BLT framework.

Familiar with languages: Java, Kotlin, Python, Asm.

I worked with a MySQL database, created tables, filled them in, made queries, connected the database to the IntelliJ Idea environment.

Worked in programming environments: Visual Studio, IntelliJ Idea, Clion, Android Studio, PyCharm, Keil uV5.

In 2019, I participated in an interuniversity computer science conference on the topic "The use of facial recognition technology in China and the social rating of China".

In 2021, I participated in CTF - OmCTF competitions in the fall of 2021.

In 2022, I participated in YetiCTF.

In 2020, I completed an internship at the Department of Information Security of OmGUPS, the topic of the work is "Learning Python".

In 2021, I completed an internship at the Department of Information Security of OmGUPS, the topic of the work is "Studying the description, purpose and operating modes of the registers of the SysTick system timer of the STM32 family".

In 2022, I completed an internship at Skb—Service LLC, cryptographic protection Department. In practice, I studied the theoretical information about ViPNet, also configured ViPNet coordinator, ViPNet client, ViPNet terminal.

Also in 2022, I completed an internship at NPO-MIR LLC, software department. I tested electricity metering devices.

A little about yourself:

I am fond of cyclical sports, namely: skiing, athletics, cycling.

I have been skiing since 2014, I have many awards and prizes.

I am a member of the OMGUPS national ski racing team.

I also enjoy trail running and cycling.

I also try my hand at poetry.

Thanks for your attention!