

CV

Pavliuchenkov D. M.

1 Education

I'm studying in Moscow state Institute of Physics and Technology in Phystech-School of Applied Mathematics and Informatics My direction of study is called Applied Mathematics and Physics (03.03.01) and I am bachelor third-year student.

In MIPT we have base chairs. Currently, I'm on Cognitive Technologies chair, which is based on industrial company [Smart Engines](#). In July 2022 I started to work on my bachelor's diploma on theme of training of low-bit neural networks.

GPA: 7.41/10

2 IT

2.1 Experience

In July-August 2021 I interned in Smart Engines company. Since February 2022 I have been working in Smart Engines. My department is about Optimisation. I am dealing with Machine Learning (CNN) and Image Recognition in position of laboratory assistant. Here is the list of tasks I dealt with:

- hardware: system installation, assembling and testing projects on Raspberry, Odroid and KOMDIV;
- optimization of CNN for float data types for COMDIV;
- optimization of matrix multiplication and SVD-operation;
- coding a smoothing image filter that preserves borders;
- reading and reviewing connected articles.

2.2 Courses

- Basic and Advanced machine learning (MIPT);
- OOP on C++ (MIPT);
- Theory and practice of multithreaded synchronization (MIPT);
- Algorithms and data structures (MIPT);
- Databases in Postgres (MIPT);
- Architecture of Computer and Operating Systems (MIPT);
- Parallel programming (MIPT);
- Intro into Java, Go, Python;
- Coded telegram-bots in Python;

- Familiar with such programming languages as: C++, Python, C, Go, Pascal, Assembly AMD, Assembly x86, bash, HTML, Java, LaTeX;
- Passed a course «Basics of programming and databases» (Специалист.РУ);

3 Project Management

3.1 Experience

Since June 2021 till June 2022 I have been captain (and manager) of MIPT cheer-dance-show state team «SPEKTR». Here is the list of sub-projects I dealt with:

- finances: planning budget, making bills, accumulating income from partners, grants, sponsors and MIPT;
- paper work: bills, contracts, official orders and notes;
- competitions trips: transfer, accommodation, organization of the team, preparation of documents;
- communications: deals with partners and sponsors, invitations to perform, cooperations and joint projects;
- team: organization of training process, team-buildings, solving problems, building an internal management structure;
- external: organization of open events, media and PR.

Here are some results, that I achieved with my team:

- found sponsors Raiffaisenbank, they invested 1.3M (before: 0 budget, only team members' money);
- found parteners: Federation of boxing and kickboxing of Dolgoprudnij, Phystech-Union, PSAMI;
- attracted over 50 students on open training sessions, 25 stayed in team (before 2-3 on open training sessions);
- organized over 10 performances, 2 of them - competitions in Saint-Petersburg and Moscow;
- built an internal management structure of the team, wrote the articles of the team;

In addition I took other captains of cheer teams and together we organized the CheerFest (festival of cheerleading and boxing in MIPT). There were Sport Fair, where over 10 student alliances participated and Championship of Cheerleading in MIPT, where 6 teams competed.

Alongside with this I'm an active member of students council in PSAMI. Since 2021 I've been head of sports sector and orginized some sports events and Match of the Century - 24 hours football play. This year I'll be a member of Presidium and head of Initiative direction.

3.2 Courses

- Power of PowerPoint «from Bonnie and Slide» (<https://bonnieandslide.ru/>);
- Product Manager course from Acronis (<https://habr.com/ru/company/acronis/blog/520070/>);
- «Управление проектами на базе PMBOKR7 (2021). Основные инструменты команды проекта» from PM Expert;
- In addition I'm fond of reading books on negotiations and social psychology. My favourite book is "No compromises" by Chris Voss.

4 Additional Info

4.1 Languages

- Russian (Native Speaker)
- English (Advanced)

5 Personal qualities

- Hardworking and dedicated;
- A great desire to learn, gain new knowledge and skills, and not only in specialized areas;
- Responsibility;
- Patience, poise and kind attitude towards people;
- Active life position;
- Communication skills;
- Love of sports and an active lifestyle: 8 years of swimming, 1 years of dancing, 1 year of water polo, 2 years of cheer dance show. Golden GTO sign.

6 Contact Information

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7 Links

Github: <https://github.com/und3f1n3d5>

Telegram-bot: https://github.com/und3f1n3d5/Timetable_bot

Games on JS: <https://github.com/und3f1n3d5/Games-on-JS>

Algorithms course: https://github.com/und3f1n3d5/svn_repo

OOP course: <https://github.com/und3f1n3d5/OOP>

Sertificates: [Link](#)