

# Pavel Kriuchkov, Senior Flutter Developer

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## LINKS

[linkedin](#), [github](#)

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## PROFILE

A goal-oriented Mobile Software Developer with a strong foundation in Computer Science. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

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## EMPLOYMENT HISTORY

Oct 2021 — Present

### Senior Flutter Mobile Developer, PJSC Asian-Pacific Bank

Remotely, full-time

Successfully developed a few key modules for a new mobile banking app, achieving over 250,000 installations:

- Created the “Offices and ATMs” map module with Google Maps (~4,000 user interactions daily).
- Led the development of the “Get Loan Online” feature, integrated a Camera package and Google ML-kit for advanced face and blink detection to verify client liveliness (the most profitable functionality).
- Engineered the “Deposits” module, allowing users comprehensive management of deposits and accounts, including opening, closing, topping up, and document handling.
- Completed a rigorous 4-month “Plug-In” professional development program for mobile developers.
- Actively engaged in code reviews and demonstrations, and contributed to the development of architectural diagrams and solution strategies.
- Currently mentoring two intern developers.

Successfully developed a mobile investment application approved by the CIO.

Sep 2019 — Present

### Investor and developer of robotic trading algorithms (Dart/Flutter + Python), entrepreneur

Remotely, part-time

Personal experience in the field of investments, automated trading and analytics:

- Increased personal shares portfolio up to ~40% annually.
- Implemented Python programs for portfolio analytics and a robotic trading ([GitHub](#)).
- Developed algorithms for the BTC/USD rate forecasting using ML ([GitHub](#)).
- Implemented an Flutter app for creating algorithmic trading robots (via the Tinkoff Investments API).

May 2021 — Dec 2021

### Python Developer & Project Manager , Youth Development Department

Nonprofit Internship, Vladivostok, Russia

- Upgraded the website of the Department of Property Relations and developed a website chatbot using artificial intelligence (500-600 daily).
- Received hands-on experience in product management and enhanced agile development skills.

May 2020 — Aug 2020

### Full Stack Web Developer, LLC "A-L-G Soft"

Internship, full-time

- Analyzed business processes and identified automation needs.
  - Conducted system analytics and developed a web app for business automation.
  - Used Python (Flask), HTML+CSS+JS(+Bootstrap), GIT + GitHub.
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## EDUCATION

Sep 2019 — Jul 2023

### BS Applied Computer Science in Economy, Far Eastern Federal University

Vladivostok, Russia

- State-funded tuition scholarship at one of the Top Russian Universities. Diploma with Honors.
- Courses: Math, IT, English, Economics, IT Project Management. GPA 3.95.
- Projects: developed a web and a mobile app for food delivery on campus; developed a web app for e-document management;
- 5+ other study projects ([GitHub](#)).

Sep 2021 — Dec 2021

### YEAR Exchange Program sponsored by the US government, Kalamazoo Valley Community College

MI, USA

- GPA 3.25. Major in Software Development. Minor in Project Management.
- Courses: Programming Logic, Business Principles/Practice, Marketing, English.
- 50+ hours of volunteer experience on campus through the Volunteer Club.

## Comprehensive “Academic Success and Learning Strategies” Course, Missouri State University

MO, USA

Coursework: English and Communications Skills; Academic Integrity; Intercultural Development; Diversity, Inclusion and Equity; Personal Leadership.

### SKILLS

#### Programming

Proficient in Dart/Flutter, and various patterns, frameworks, and tools such as Bloc/Provider, GetIt, Dio, HTTP, WebSocket, SQLite, Retrofit, Drift, build\_value, auto\_router, Google ML-kit, Yandex-map-kit, AppMetrica and others.

Python (ML+AI), Web-Dev, Databases (SQL), GIT/GitHub.

#### Math

Analytic geometry and linear algebra, math. analysis, logic and algorithms, discrete math., probability theory and statistics, computational math.

#### Business Process Management

Software: BPWIN, MS Visio, MS Project, Trello, Jira, Confluence, Visual Paradigm. Notations/Methodologies: IDEF0-3, IDEF1X, DFD, UML, Agile, Scrum, Kanban.

#### Soft skills

Logical thinking, time management, project work, public speaking and presentation skills, teamwork and leadership, emotional intelligence.

### CONFERENCES AND WORKSHOPS

2023	<b>International scientific conference in English</b>	FEFU, Vladivostok, Russia
	Published Scientific article “Mobile application development using Flutter. A Fintech Revolution?”	
2022	<b>Comprehensive Course by Sberbank (Risk modeling team)</b>	Moscow, Russia
	“Machine learning and data analysis” course. Theory/practice on Kaggle platform.	
2022	<b>International Scientific Conference of Young Scientists and Specialists in English</b>	Dubna, Russia
	Scientific article – “Development of intelligent control systems with the human factor included.” ( <a href="#">AYSS22</a> )	
2021	<b>International scientific and technical conference</b>	MSU, Moscow, Russia
	Published Scientific article “Application of IT in the field of food service in FEFU. Web- application «Faturne».”	

### HONORS AND AWARDS

2022	<b>“TELE2” Company scholarship program winner</b>	Vladivostok, Russia
	Developed the best project of a touristic mobile application for Vladivostok city.	
2020	<b>Finalist of the all-Russian Championship CaseCupUTMN2020</b>	Tyumen State University, Russia
2019	<b>Finalist of the all-Russian contest “Challenge 2035”</b>	Far Eastern Federal University, Russia