






Petr Kvasnikov

SOFTWARE ENGINEER | iOS DEVELOPER

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SKILLS

- Analytical skills
- Problem Solving
- Swift
- UIKit
- XCTest
- OOP
- Auto Layout
- TestFlight
- Postman
- Gitlab
- CocoaPods
- Swift Package Manager
- UML

EDUCATION

Master of Applied Math and Computer Science | 2023
With honors

Bachelor of Applied Math and Computer Science | 2021

MIREA – Russian Technological University
Moscow, Russia

LANGUAGES

English – Intermediate
Hebrew – Elementary
German – Elementary
Russian – Native

CAREER OBJECTIVE

Coding from the age of 14, optimistic person and developer. After 3 years of working with various software engineering technologies, I've found that iOS development is the coolest thing I've ever done. Actively seeking my first meaningful iOS developer job alongside a good team :)

EXPERIENCE

iOS Intern | Software Engineer at JSC "Radio engineering corporation "Vega"

2020 – 2023

Software Engineer

Techs: Python3, C/C++, GitLab, PyWin32, Google Benchmark, Google Test, QtMonkey, QtAssistant, MS Windows, Astra Linux, MS VS, PyCharm, Qt, Bash, PostgreSQL, psycopg2, BS4, PIL, XML DOM, regex, JSON, XML, UML.

- Developed and implemented a scalable, automated solution for updating Qt Assistant documentation, reducing the update time for five projects from several team-dependent days to 30 minutes using CI/CD, thus resolving customer complaints about inconsistent documentation.
- Studied the inner workings of the Google Benchmark library and enhanced its functionality, resulting in a scalable solution integrated in existing projects to analyze performance variations across different commits.
- Demonstrated proficiency in understanding complex codebase of existing C/C++ projects and effectively contributed to feature development and testing.
- Developed a scalable solution for automatic statistics collection from various sources including compiler outputs and tool results, integrated it into internal projects and version control system, thereby enabling efficient data analysis and facilitating more rational architectural and programming decisions.
- Thoroughly documented all solutions and smoothly transitioned responsibilities to another programmers upon departure.

iOS Intern

Techs: Swift, UIKit, Git, Auto Layout, XCTest, Postman, TestFlight, UML.

- Developed an iOS application for internal use that utilized an existing API for literature search. The project achieved the third place at The Sixth Scientific-Technical Conference of Students and Postgraduates of "MIREA - Russian Technological University".

Assistant Professor at MIREA – Russian Technological University

2021 – 2023

- Conducted 2 cycles of seminar courses in Introduction to Software Development in C (16 seminars each), Programming Standards & Methods (C++ & OOP, 16 seminars each), Software Systems Analysis (8 seminars each), and 1 full cycle of seminar course in Information Systems Analysis & Design (8 seminars), including several lectures.
- Prepared course materials, graded assignments, provided feedback, held consultations, administered credits, and developed educational tools including iOS App for more efficient and immersive learning process.