Khoshimov Rakhmatillokhon(Tillo)

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Education

University of Basel, Basel, Switzerland - MSc   Sept 2023 - Present
Focus on **Machine Intelligence, Optimization, and Deep Learning;**

Korea University, Seoul, South Korea - BSc   Sept 2018 - Feb 2023
Major in **Computer Science and Engineering;**
Double Major in **International Studies;**
Minor in **Political Science and International Relations;**

Work Experience

Co-Founder and CEO, Myworkbase   **Tashkent, Uzbekistan**
                                                                     Jul 2023 - Present

- Started a software development agency in Uzbekistan where we provide project development and consultation services

Student Researcher, AI Systems Inc   **Seoul, South Korea**
                                                                     Jul 2022 - Aug 2022

- Conducted research on machine learning and AI at a government-funded research company using **Python, TensorFlow,** and **PyTorch.**
- Utilized frequentist and Bayesian statistical inference tools to analyze experimental and observational data, including hypothesis testing, and regression analysis.
- Developed a case management algorithm **using R** and sci-kit-learn that improved efficiency by 80% through the application of advanced statistical methodologies, including clustering, classification, and natural language processing.
- Collaborated with a senior researcher to implement changes based on the analysis of experimental data using version control tools, such as **Git** and **GitHub**.

Software Engineer, SAVER Inc   **Seoul, South Korea**
                                                                     Sep 2021 - Dec 2021

- Debugged, improved, and maintained existing software written in multiple languages, including **Java, JavaScript, C, SQL Server, CSS,** and **HTML**, reducing the number of reported bugs by 90%.
- Created high-performance **Rest APIs** that served AI on an **AWS** server using **FastAPI, Celery, Redis,** and **Flower**, resulting in faster response times and an increase in user satisfaction.
- Worked with cross-functional teams, including product managers and designers, to ensure the successful implementation of new features and enhancements.

Android Application Developer, Behetem.ru   **Moscow, Russia**
                                                                     Oct 2020 - Feb 2021

- Expanded and grew the product and servers by utilizing cutting-edge technology and best practices.
- Prototyped and implemented unique features on the Android platform, utilizing the most recent **APIs** and **SDKs,** such as **Android Jetpack** and **Kotlin Coroutines**, resulting in a reduction in app crashes and faster app performance.
- Designed and developed game-changing corporate mobile features that improved the user experience, emphasizing design and usability, such as implementing a personalized notification system.

Skills Summary

- **Programming Languages:** C/C++, Python, Java, Kotlin, JavaScript, SQL, R
- **Front-End:** HTML/CSS, React, React Native, Flutter
- **Back-End:** Django/DRF, Flask, FastAPI, Docker
- **Databases:** PostgreSQL, MySQL, SQLite
- **Languages:** Native: Uzbek, Russian, Fluent: English, Intermediate: Korean, Turkish

Leadership

- **International Agent, AstanaHub**   Sep 2023 - Present
- **Microsoft Learn Student Ambassador, Microsoft**   Oct 2021 - Feb 2023
- **Winner of JunctionX Seoul Hackathon 2020, Microsoft Track**   October, 2020
- **Uzbek Students Association President,** Korea University   Apr 2021 - Apr 2022

Scholarship and Awards

- Excellence Scholarship, Korea University - March 2019
- Global Leader Scholarship, Korea University- September 2018