Timur Rakhimov

Kamloops BC, 250-879-2941

timur.rakhimov.1@outlook.com | www.linkedin.com/in/timur-rakhimovv | https://github.com/TimurRakhimov

PROFILE SUMMARY

Recent Computing Science graduate with hands-on experience in software development, machine learning, and project management. Proven track record of quickly adapting to new technologies and solving complex problems efficiently. Skilled in Java, C++, Python, web and mobile app development, and leading teams in delivering high-impact projects. Proficient in machine learning techniques using Scikit-learn and data visualization with Matplotlib. Experience in developing computer vision solutions using advanced deep learning models.

SKILLS

- **Programming Languages**: Java, C++, Python
- **Web Development**: HTML, CSS, JavaScript, PHP, AJAX, Django
- **Mobile App Development**: Android Studio
- **Databases**: SQL, Oracle
- **Machine Learning**: Scikit-learn, YOLOv8 (Object Detection)
- **Data Visualization**: Matplotlib
- **Software Development**: Object-oriented principles, Software Architecture, UI/UX Design
- **Tools & Technologies**: Android Studio, UML, Git, Roboflow, CVAT
- **Soft Skills**: Leadership, Team Collaboration, Problem-solving

PROFESSIONAL EXPERIENCE

Project Manager

Aparti.kz, Almaty, Kazakhstan　　　　　　　　　　　　　　　October 2023 – present

- Managed a diverse team of 2 senior developers, 3 mid-level developers, and 2 designers, ensuring timely delivery of milestones within budget.
- Led smooth integration of 3 third-party services, including payment provider, Yandex Maps, and document verification solutions.
- Designed the initial app wireframe, focusing on user-centric design and strategic feature development by analyzing key functionalities from three leading competitors in the market.
- Managed and submitted app listings to the Apple Store and Google Play, ensuring compliance with platform requirements.

- Team of developers managed the use of Windows Server and IIS for hosting, with Postgres (including the PostGIS extension) as the primary database.
- Mobile app was developed using Flutter and Dart, while employing C# and **.**NET Entity Framework for backend development.

EDUCATION

Bachelor of Computing Science
Thompson Rivers University, Kamloops, BC
September 2020 – December 2024

- Cumulative GPA: 3.78
- Dean's list: 2021, 2022, 2023, 2024
- Anticipated graduation: December, 2024.
- Student Caucus – Academic Integrity Committee representative.

EDUCATIONAL PROJECTS

Foreign Object Detection Tool using YOLOv8   September 2024 - Present
Teck HVC (High Valley Copper), Kamloops, BC

- Analyzed the problem of foreign object detection in the mining environment and proposed the solution of using the YOLOv8 model.
- Created a controlled testing environment to accurately measure the performance of the object detection system.
- Transitioned to real-world data by utilizing a five-minute conveyor belt video featuring diverse foreign objects, such as cardboard pieces and gloves, while avoiding metal objects to ensure production safety.
- Labeled a dataset of 6700 images using open-source tools, optimizing the model for high accuracy.
- Achieved an 92% True Positive rate in the confusion matrix, indicating a highly reliable detection system for foreign objects.

Developed a University Articles Blog Website   September 2023

- Designed and implemented a dynamic blog platform that allows users to post, edit, and comment on university-related articles.
- Utilized JavaScript and AJAX for real-time content updates without page reloads, enhancing user experience.
- Integrated PHP and MySQL for backend operations, including user authentication and database management.
- Applied responsive design principles to ensure compatibility across various devices and browsers.

University Volunteering

Thompson Rivers University, Kamloops, BC   September 2020 – present

- Environmental Sustainability supporter as member-at-large of TRU ECO Club.
- Bringing decision making voice to the University Union as a member of Student Caucus.
- Co-founder of Kazakh Student Association.

Mathematical Competition Adjudicator

TAMOS, Almaty, KZ   December 2019

- Coordinated a group of 12 volunteers on Annual Mathematical Games.
- Memorized and explained all the rules to participants and how they could appeal their decision.
- Provided detail-oriented examination and check for team assignments.
- Calm and fast decision-making during participants' dissatisfaction.