TIMUR AKHMADALIEV

+374 95 351 029

timur600@gmail.com ⬦ https://www.linkedin.com/in/timur-akhmadaliev ⬦ https://github.com/FlameFlameFlame

SUMMARY

Software Engineer with 4+ years of experience in C++ embedded and desktop application development, math and robotics background, seeking a job as an embedded or backend Software Engineer.

SKILLS

Technical Skills : C/C++, Python, Linear Algebra, 3D geometry, Git, bash
Languages : English (Upper Intermediate), Russian (Native Speaker)

EXPERIENCE

Senior Embedded Software Engineer January 2024 - Current time
KWC Knightsbridge Wireless Communications https://kwc-sys.com/

- Developed and implemented new development framework
- Managed interdisciplinary team of 3
- Implemented CI/CD process for embedded software development resulting in a cut in development time

C++ Software Engineer November 2022 - December 2023
Various freelance projects

- Database prototype for storing blockchain data. Used stack: C/C++
- Door lock with access using credit card information stored on NFC chip. Used stack: C++, ESP32

C++ Software Engineer Oct 2019 - Nov 2022
Align Technology https://www.aligntech.com

- Designed and developed an internal business tool which reduced new products delivery time from 6 month down to 2 weeks to let the company compete in high-growth markets
- Implemented features which have added more flexibility and ease of use for up to 10000 users of internal CAD

Embedded Software Engineer, full-time Jul 2018 - Aug 2019
Tsuru Robotics, Robotics startup https://www.tsuru.su

- Developed the indoor UWB-based navigation system which allowed to explore new market opportunities
- Developed software for one of a kind graffiti drone show
- Supervised Massachusetts Institute of Technology and Skolkovo University Master's Students during their practice in the company in creating new kid-friendly drone programming software

PROJECT

Lead University Robotics team. In one month assembled a team of BA students, created and presented robotics project on Silk Road Robotics Innovations Competition 2017 in Xian, China

EDUCATION

Bachelor of Mechanics and Robotics, Moscow Power Engineering Institute 2015-2019
Relevant Coursework: Software Engineering, Embedded Software Engineering, Linear Algebra, and Calculus.