Nikita RUSETSKII

Junior software engineer

🌐 xtenzq.github.io

✉ rusetscky@outlook.com

in /in/xtenzq

○ xtenzq

Skills

Programming

Strong knowledge of C#, Entity Framework (Core), WPF, Windows Forms

Knowledge of architecture patterns, OOP, data structures, programming algorithms

Familiar with C, Java, Qt/C++, Python

DB: MSSQL, SQLite

Web

HTML5, CSS3, Bulma, Bootstrap

Other

Linux (Gentoo/Fedora/Manjaro), git, LaTeX, SQL

Languages

Russian - native proficiency
English - fluent proficiency
Korean - basic proficiency

Education

Sep 2018 - present	**MSc. Computer Engineering** Irkutsk National Research Technical University

Current CGPA 5.0 / 5.0
Thesis: Deep learning based surveillance camera analysis software

Sep 2019 - Dec 2019	**Information and Communication Engineering** Inha University

Fall semester exchange program participant
Incheon, South Korea

Sep 2014 - Jun 2018	**BSc., Computer Engineering** Irkutsk National Research Technical University

CGPA 4.86 / 5.0 (diploma with honours)
Thesis: Employee monitoring software

🏆 Awards: 1st place in bioinformatics in regional contest "Inzh-PromFest Baikal" (Nov 2015), 1st place in software development contest (Nov 2015), best presentation in student scientific conference "Wienerovskie chteniya" (Jun 2018)

Projects

Sep 2018 - present — Deep learning based surveillance camera analysis software

- Software is being developed to faster the process of finding the moments when people were detected on surveillance camera videos.
- Frameworks used: PyQt5, RCNN inception v2 (Google), Tensorflow

Jan 2019 - Apr 2019 — MVVM WPF master-detail application

- Master-detail WPF application written in C# developed as a term project to demonstrate skills acquired in the software development course.
- Frameworks used: Microsoft Unity (dependency injection), Entity Framework Core (database middleware).
- Architecture patterns: MVVM, Abstract Factory.

Dec 2017 - Jun 2018 — Employee monitoring software

- Software developed to monitor employee computers to prevent corporative secrets to be leaked out by employees.
- Windows Forms application written in C# with Windows API hooking technique implementation

Oct 2015 - Dec 2015 — Battle Arena

- Simple survival top-down shooter video game developed in Java for software development contest at INRTU in collaboration with Vasiliy Turintsev and Ivan Ablov

Certificates

Mar 2016 — Pearson Edexcel Level I Certificate in ESOL International (CEF B2)
No expiration date
Credential ID: 83077:0043:1612003878:200696