Nodira Kosimova

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EDUCATION

ITMO University — St.Petersburg, Russia
Master's degree in Program Engineering — *Sept. 2022 - Present*

Branch of Moscow State University — Dushanbe, Tajikistan
Bachelor of Applied Mathematics and Computer Science [GPA - 4.76 of 5.0] — *Sept. 2018 - Aug. 2021*
- **Thesis**: Simple prefabricated graphs and their applications in genetics

Higher School of Economics — Moscow, Russia
Bachelor of Applied Mathematics and Computer Science — *Sept. 2016 - Aug. 2018*

EXPERIENCE

LLC Alif-Technology — Dushanbe, Tajikistan
Junior C#-Developer — *Oct 2020 - Nov. 2021*
`C#` `.NET` `SQL` `MVC` `REST API`

Pizza Ordering Application
- Developed backend logic in sql procedures and used special code generator to produce C# code for controllers from SQL procedures.
- Integrated application with the PayU payment system.
- Parsed OpenStreetMap geolocation data of local region to create address filter for delivery.

Peshraft Charity System
- Developed both frontend and backend for an extended information questionnaire module, which allowed users to immediately enter all the necessary data about poor families.
- Added the ability to export/import PDF and EXCEL documents for extended questionnaire.

Merchandise Control System.
- Expanded filters to multi-selection filters in 40+ types of report generation, making changes in front end, backend and SQL procedures; it made possible to generate more informative reports.

LLC Alif-Technology — Dushanbe, Tajikistan
Intern C#-Developer — *July 2020 - Oct. 2020*
`C#` `.NET` `SQL` `MVC`

- Implemented product-card module, which made it possible to set the dates of promotions for retail outlets in merchandise control system.
- Created 3 scrappers for saving and updating product data from 3 online stores: Auchan, Dixy, Magnit.

PROJECTS

Url shortener service
`C#` `MongoDB` `.NET`

Wrote service for creating short link from original link. Used Mongo DB as data storage.

Image StoryBoarding Application
`C#` `.NET` `MVC` `Algorithms`

Developed web application using .NET framework which can generate three diffetent types of image storyboarding from set of images. The notability of the application lies in the complexity of generating collages, which include both vertical and horizontal combinations of images and also border addition around the perimeter of the images. Increased the application speed modifying recursion algorithm.

Educational application for test exams
`C#` `.NET` `MVC` `MSSQL`

Created a web application for conducting test exams with three divided fields for users: administrator, teacher and student.

PROGRAMMING SKILLS

- **Languages**: C#, Java, Python
- **Framework&Tools**: .NET, SQL, Git. [familiar]: Docker, Kubernetes, Nginx.
- **Knowledge**: Algorithms, SOLID, OOP, MultiThread Programming.
- **Languages**: Russian(Native), English(B1-B2), Tajik(Native).