

Daniyar Suiunbekov

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EDUCATION

Nazarbayev University

Astana, Kazakhstan

Computer Science/Bachelor of Science

5/2024

Areas of Interest: BackEnd Development, Software Development

Related Coursework: Performance and Data Structures, Algorithms, Database Management, Software Engineering, Calculus I-II, Linear Algebra, Discrete Mathematics, Probability

Physics and Mathematics School #61

Bishkek, Kyrgyzstan

Selected to the lyceum class with advanced mathematics and physics

5/2019

WORK EXPERIENCE

Programming Tutor

Astana

- I have led lectures on basics of programming concepts using Python language to the school students.

2021

PROJECTS

No-physical-contact Elevator

- As part of the robotics course project, my team and I worked on developing a No-physical-contact elevator. Its purpose is to reduce the physical contact with the surfaces of elevator buttons, thus preventing the spread of the COVID-19 virus. Buttons are replaced with sensors that detect human fingers at a certain distance. I took part in writing a C++ program that executes the functionality of the real-world elevator with preserving priorities on resident calls.

Universal Pictures Films Database

- To apply acquired knowledge on Data scraping, I wrote a Python script using BeautifulSoup, and Requests Libraries to parse the Wikipedia pages and obtain the names of all existing Universal Pictures Films. Further, I used OMDb API to query information with fields such as director, budget, year of release, etc. The result of the query is the JSON objects, which are converted into tabular data using the Pandas library.

VOLUNTEERING

Assistant Manager at BeyondCurriculum

Kazakhstan

- My team and I used to organize meetings and events with Olympiad winners in STEM to share their knowledge and experience with high school students starting their journey in Olympiads

2019-2021

Math Tutor / Member of Math Department

Kyrgyzstan

- Used to conduct mathematics classes to high school students in rural areas.
- Helped with preparation to the state exams.

2019

SKILLS & INTEREST

Skills: C++, Python, SQL, Django, NumPy & Pandas, Beautiful Soup, Problem Solving

Interests: Software Development, Back-End Development, Algorithms and Data Structures, Problem Solving

AlgoProg

Online

Under the supervision and code review from IOI and ICPC champion, programming mentor, I have been solving problems on Algorithms and Data Structures. I consider AlgoProg to be my alma mater since my journey to coding began there, and I gained most of the programming experience from AlgoProg.