

NURIDDIN ISLAMOV

Software Engineer

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First Class Honours Computer Science graduate with strong technical skills in Python, JavaScript, and modern frameworks like Django and NextJS. Proven experience in leading teams and delivering software solutions. Seeking an entry-level Software Engineer position in London to apply and enhance my technical expertise.

EDUCATION

Bachelor of Engineering (BEng) Honours in Computer Science | *First Class Honours (75%)*

Anglia Ruskin University, Cambridge, UK | Sep 2021 – May 2024

- **Final Year Project:** "Optimized Digital Layout Algorithm for the Trail Making Test" (Received 74%)
- Adapted quickly to UK academic environment and achieved top grades throughout the course.

Foundation Year Certificate with Distinction

Westminster International University in Tashkent, Uzbekistan | Sep 2020 – May 2021

- Awarded a scholarship by scoring 9/10 in the mathematics exam.
- Gained foundational knowledge in computer science and mathematics.

Academic Lyceum of Westminster International University in Tashkent

Tashkent, Uzbekistan | Sep 2017 – May 2020

- Graduated with an A Diploma, equivalent to A-level studies in the UK.
- Ranked 17th among 1,500 applicants in admissions.
- Excelled in mathematics and computer science subjects.

EXPERIENCE

Founder and Team Lead, *ez-developers*

Tashkent, Uzbekistan | May 2021 – Sep 2021

- Founded a software development team specializing in SaaS products.
- Led a team of peers to develop commercial projects, managing both development and client relations.
- Implemented Agile methodologies to streamline the development process.

Software Engineer, *Freelance*

Cambridge, UK | Sep 2021 – May 2024

- Developed automated chatbots for clients in the US, improving customer engagement.
- Completed various freelance projects, enhancing skills in Python, JavaScript, and client management.

Team Leader, *Group Project*

Anglia Ruskin University | Sep 2022 – May 2023

- Led a team to develop a software platform for an investment company.
- Created a web application in C# using the MVP framework to connect Relationship Managers with Idea Creators.
- Set up CI/CD pipelines using Azure servers for continuous integration and deployment.
- Deployed the project on youinvest.me for a realistic user experience.
- Project was recognized as the top project in the course.

Owner and Manager, *GetBook Uzbekistan*

Tashkent, Uzbekistan | Jan 2019 – Dec 2020

- Established and managed an online bookshop at age 16, reaching over 1,000 customers nationwide.
- Imported exclusive books not available in local markets, becoming a go-to source for unique titles.
- Navigated operational challenges during COVID-19 to maintain customer satisfaction.

Head Barista, *Caffe Nero*

Cambridge, UK | May 2023 – Sep 2023

- Worked part-time, applying optimization skills to improve service efficiency.

- Recognized as the fastest employee and praised for handling challenging customer situations.

Outstanding Welcome Buddy, Anglia Ruskin University

Cambridge, UK | Sep 2022

- Assisted new Computer Science students with campus orientation and settling into university life.
- Shared personal experiences and strategies for academic success.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C#, SQL, GraphQL

Frameworks and Libraries: Django, NextJS, React

Tools and Technologies: CI/CD, Azure, Agile Development, Jira, Slack, Analytics

Databases: SQL, NoSQL

SOFT SKILLS

- Strong problem-solving abilities
- Detail-oriented and analytical mindset
- Leadership and team management experience
- Excellent communication skills
- Fluent in English and Russian (bilingual)

AWARDS AND ACHIEVEMENTS

- **Scholarship Recipient**, Westminster International University in Tashkent
Awarded a scholarship for scoring 9/10 in the mathematics exam.
- **Outstanding Project Award**, Anglia Ruskin University
Led a project recognized as the top in the course.
- **Outstanding Welcome Buddy**, Anglia Ruskin University
Received the award for exceptional support to new students.

ACADEMIC RESEARCH PAPER

Title: Optimized Digital Layout Algorithm for the Trail Making Test

- **Developed and implemented** three optimization algorithms (Genetic Algorithm, Simulated Annealing, and Hill Climbing) to generate efficient digital layouts for the Trail Making Test (TMT)
- **Conducted a comparative analysis** using MATLAB to evaluate each algorithm's performance based on execution time, solution quality, and computational efficiency.
- **Demonstrated the Genetic Algorithm's superiority**, successfully generating complex and valid TMT layouts with minimal edge crossings, optimizing node distribution, and ensuring scalability up to 25 nodes.
- **Created an open-source API** hosted on a cloud platform, allowing researchers and practitioners to generate optimized TMT layouts, contributing to advancements in cognitive assessment technology.

INTERESTS

- Passionate about software development and continuous learning.
- Enjoys problem-solving and tackling challenging projects.
- Interested in AI and machine learning applications.

References available upon request.