Din Iskakov

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EDUCATION

University of Exeter   **Exeter, United Kingdom**
BSc Computer Science   *2023 – 2026*
- **Grade:** 2:1 (Expected)
- **Modules:** Software Development (Java), Database Theory and Design, C family, Artificial Intelligence and Applications, The C family, Discrete Mathematics
- **Relevant Courseworks:** Full-stack Battleships game and Multithreaded Java Card Game

El Plantio International School of Valencia   **Valencia, Spain**
International Baccalaureate Diploma   *2014-2023*
- **Subjects:** Physics HL, Mathematics AA HL, Chemistry HL
- **Test Scores:** IELTS 8.0; SAT 1470

RELEVANT WORK EXPERIENCE

NITEC   **Astana, Kazakhstan**
Software/AI Engineering Intern   March 25' – Present
- Engineered an agentic Graph RAG pipeline enabling users to query regarding national law and receive complex and accurate answers with reference to the legal texts used
- Built a preprocessing pipeline that transforms legal documents into an accurate Graph of Knowledge

University of Exeter   **Exeter, United Kingdom**
Research Assistant, Xiaoyang Wang   Oct 24' – Present
- Research advanced Machine Learning topics including Multiagent Reinforcement Learning
- Implemented a Neural Network based Deep Multi Agent Reinforcement Learning systems

itDoma   **Remote**
Tutor   Jan 24' - Present
- Taught 20+ students across two disciplines - Web-development and Python programming
- Contributed to curriculum development and monitored student progress from beginner to advanced
- Guided students in setting career goals, designing customized materials based on student interest or connecting them with the relevant professionals.

Excode   **Exeter, United Kingdom**
Workshop Leader   Oct 24' – Nov 24'
- Led a group of 30 adult students through hands-on Python exercises, focusing on practical applications
- Offered personal help and taught necessary concepts the students didn't cover in theory lessons

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: JavaScript, Python, Java, ML, PostgreSQL, Neo4j, React, SQL, Docker, RESTful API, Git, C/C++
Languages: English (fluent), Spanish (fluent), Russian (native), Kazakhs (Native), French (basic)
Activities/Interests: Computer Science society, Tennis society, Debating society, Swimming

PROJECTS

AI Calendar *Python/JavaScript/OpenAI*
- Developed an AI powered Google Calendar assistant app using a custom AI agent with 5 custom tools to handle user requests and Google Calendar API calls
- Coded an interactive chat app in React for frond and Flask for Backend

Data Analysis Dashboard *Python/Streamlit/Plotly/Sklearn*
- Developed a data analysis web app using Streamlit with intuitive user interface and detailed data analysis features
- Created interactive visualizations with Plotly and implemented machine learning models using scikit-learn for basic predictive modelling

Customer Churn Prediction *Python/Pytorch*
- Built and fine-tuned an artificial neural network model Python using PyTorch
- Conducted data preprocessing and exploratory analysis to prepare the dataset, uncovering key churn indicators.
- Visualized model performance metrics to evaluate and refine predictions effectively.

OTHER EXPERIENCE

Kazakh Society   **University of Exeter**
Vice-President   June 24' – Present

- Organised multicultural events that promoted cultural understanding and inclusivity among students from diverse backgrounds and social events in collaboration with other student societies spanning 100+ attendees
- Led a team of 7, fostering cross-functional collaboration and driving society initiatives, supporting the social and academic integration of Kazakhstani students as well as promoting their well-being and development