

DELYAN KIROV

London

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TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Go, Python, Java
Databases	Sqlite, Postgres, Redis
Frameworks	Node.js, Jin, React, Flask
Tools	Git, Linux, Docker, Bash, HTML, CSS

EXPERIENCE

Java intern

May 2023 - September 2023

- Assisted in the development of [Savile Row](#) - AI constraint modelling assistant
- Developed skills in object oriented designs in Java
- Improved performance of the application by up tp 25% for most common use cases
- Fixed numerous bugs in a 50,000+ line Java project
- Reconfigured databases to increase robustness in data manipulation
- Contributed to documentation and testing efforts

EDUCATION

Lancaster University, UK

October 2019 - July 2022

BSc Mathematics

Classification: First Class

University of Saint Andrews, UK

November 2022 - November 2023

MSc Computer Science

Classification: to be confirmed

Dissertation topic: Conducted research in AI using SAT solvers, involving large data manipulation using remote Linux server management. The project involved data analysis manipulation and visualization using Python, PostgreSQL, Redis and Bash scripts.

PROJECTS

Personal Website

- Developed a personal website using React with TypeScript
- Implemented React routing and event hooks
- Automated testing and deployment procedures
- Designed tools in TypeScript for stylish content generation

Sudoku Game

- Created a Sudoku game solver and generator in Go with competitive performance
- Utilized SQLite3 for data storage and retrieval
- Designed a dynamic front-end application using pure JavaScript
- Developed a reusable React component for integration into other websites
- Packaged the web front-end with a Go back-end for standalone deployment