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EXPERIENCE

Junior Software Engineer

2022/11 – Present

Lendable

London, United Kingdom

- Completed company-provided Junior Engineering Training covering good practices of Software Engineering
- Leveraging PHP and Symfony for implementing collections-specific features for Lendable Personal Loans product
- Leveraging Kotlin for implementing collections-specific central modules for internal use
- Collaborating with Senior Engineers during company hackathons and conferences

Supply Chain Analyst

2021/09 – 2022/10

Amazon

London, United Kingdom

- Ownership of S&OP processes for VendorFlex EU, Customer Returns EU, and Vendor Returns UK networks
- Worked with an international EU-team to develop and deploy ML planning processes for Customer Returns EU
- Leveraged knowledge of Python and SQL to provide data-driven solutions improving accuracy and time of delivery of the weekly S&OP plans
- Collaborated with a large number of international stakeholders on delivering VendorFlex S&OP strategy in the EU
- Continued to improve and standardise automation methods previously delivered during the internship
- Facilitated a timely and issue-free handover of the VendorFlex S&OP planning to another team by coordinating comprehensive training sessions
- Managed the daily inbound execution of 3 Speciality Amazon warehouses in the UK to optimise the network

Business Intelligence Intern

2021/06 – 2021/09

Amazon

London, United Kingdom

- Developed and implemented an automated S&OP planning system, saving 5hrs weekly
- Collaborated with senior members of the UK S&OP team, and gained understanding of the Supply Chain and Operations Planning
- Delivered a number of reports and data visualisations, which contributed to increasing visibility into an EU-wide Amazon warehouse network and provided stakeholders with more data points for informed decision-making

Teaching Assistant

2021/01 – 2021/05

University of Aberdeen

Aberdeen, United Kingdom

- Assisted in tutorials for a level 3 Business and Computing Enterprise course at the UoA for over 40 students
- Oversaw and directed student group discussions regarding business-centred product development
- Assessed and communicated student group's progress to senior lecturers and course coordinators

Programming Intern

2019/06 – 2019/08

University of Aberdeen

Aberdeen, United Kingdom

- Collaborated with another intern under supervision of senior IT Managers to design a website and a database schema based for central management of communications from multiple clinical trials
- Utilised HTML, jQuery, Materialize, and Bootstrap for front-end development, and C#, and ASP.NET for back-end development
- Delivered a final presentation on the result of the project to a company-wide audience

EDUCATION

University of Aberdeen

2017/09 – 2021/05

Bachelor of Science in Computing Science

Aberdeen, United Kingdom

- First Class Honours
- Thesis: "Normalising Flows for Synthetic Image Generation"
- Relevant Coursework: Algorithmic Problem Solving, Distributed Systems and Security, Enterprise Computing, Software Engineering, HCI, Web Development, Research Methods

University of Oslo

2018/08 – 2018/12

Erasmus+ Exchange Student

Oslo, Norway

- Relevant coursework: Biologically Inspired Computing, Programming Languages, Mathematical Logic
- Extracurricular activities: OSI Basketball Team, Amnesty International

VIII Maria Skłodowska High School

2014/09 – 2017/05

Advanced Mathematics, Physics, and Informatics Programme

Katowice, Poland

- Graduated with Honours

SELECTED PROJECTS

- Normalising Flows for Synthetic Image Generation** | *Python, PyTorch, Git, L^AT_EX* 2021/01 – 2021/05
- Conducted extensive research in the fields of Machine Learning, Computer Vision, Generative Modelling, and Data Augmentation
 - Designed a Normalising Flows-inspired Generative Model for Image Generation based on the conducted research
 - Gained experience in quantitative and qualitative research data analysis
 - Delivered a detailed research paper, a poster and a presentation based on the conducted research
 - Presented findings of the study to a wider audience from different fields of Computing Science
- Performance of different mutations for Genetic Algorithms** | *Python, L^AT_EX, Git* 2020/10 – 2020/12
- Created a mini-research project for the Research Methods course in Year 4 at the UoA
 - Gained knowledge of research best practices and statistical analysis methods used in quantitative research
 - Implemented a Genetic Algorithm solution to the Travelling Salesperson Problem with 4 different types of mutation operators
 - Designed and implemented experiment pipeline for generating data for further analysis
 - Evaluated and compared performance of different mutation operators used in Genetic Algorithms
- Gamified task manager** | *Python, Django, REST API, React JS, JavaScript, L^AT_EX, Git* 2019/11 – 2020/03
- Co-led a group of 7 students in a year-long software development project for Principles of Software Development and Software Development courses during Year 3 at UoA
 - Conceptualised a new version of task manager – Tasket – based on the principles of gamification
 - Improved skills in front-end and back-end development, application testing, and product deployment
 - Managed a weekly cycle of product development by overseeing meetings and keeping track of the agreed timeline
 - Gained understanding of product management and software engineering best practices in web development
 - Conceptualised a product pitch and directed the advertisement video
- This resume** | *L^AT_EX* 2022/11
- Created this resume in L^AT_EX

TECHNICAL SKILLS

Programming Languages: PHP, Kotlin, Python, C++, JavaScript, HTML, CSS, C#, JavaScript
Frameworks: Symfony, Django, React, Material-UI, Bootstrap
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Other tools: MS Office, SQL (PostgreSQL, Amazon Redshift, MySQL), Power BI, L^AT_EX

LANGUAGE SKILLS

English: full technical and business proficiency
Polish: native speaker
Russian: intermediate
German: beginner