

LIBBY REAR

PERSONAL INFORMATION

DATE OF BIRTH:	20/12/2000	WEBSITE:	lubbly-jubbly.github.io
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EMAIL:	libby.rear@gmail.com	LANGUAGE:	English Native, German CEFR B2
LOCATION:	Berlin, Germany		

RELEVANT WORK EXPERIENCE

NOV 2022 - MAY 2024	Graduate Full-stack Software Engineer at STREAMBA, Glasgow <ul style="list-style-type: none">Working within a small team on a logistics and emissions-reduction platform.Front-end: React (TypeScript, Bootstrap, Redux). Back-end: ASP.NET Core (C#).Created a requests system for flights and voyages, including CRUD functionality, approval workflows, and efficient data handling using Redux, Cosmos DB, and the Repository pattern.Built user management features, querying APIs to visualise user interactions in charts and tables.Designed a priority freight tracking system to minimise emergency transport use, including a visualisation dashboard and priority freight flagging throughout the platform.Created an interactive supply chain dashboard with graphs and tables (React Google Charts, Bootstrap), querying operations data, generating reports, and optimising performance with Redis caching. Created customer-facing Azure API endpoints to allow users to create their own visualisations.
AUG 2017 - MAY 2018	Higher Maths Tutor, Edinburgh <p>Worked 8 hours per week with a student who had previously failed Higher Maths, explaining concepts, preparing lessons and working through questions with him. The student earned a B in his exam.</p>

EDUCATION

2021-22	MSc in SOFTWARE DEVELOPMENT, University of Strathclyde, Glasgow <p>GRADE: Distinction (80%)</p> <p>FINAL PROJECT: React Native app aimed at hospitality businesses that creates a rota based on the availability and preferences of employees. This involved solving a constraint satisfaction problem, for which I created a modified greedy algorithm. Utilises Google's Firebase Realtime Database and Authentication. github.com/lubbly-jubbly/Switch</p>
2018-21	BSc in MATHEMATICS, University of Nottingham, Nottingham <p>GRADE: 1st (84%)</p>
2017-18	SQA Qualifications, George Watson's College, Edinburgh <p>Advanced Highers in MATHEMATICS, ENGLISH and STATISTICS: A₁, A₁, A₂</p>

TECHNOLOGIES

LANGUAGES	Python	C#	Java	HTML	CSS	JavaScript	TypeScript	MATLAB
LIBRARIES	React	React Native	Redux	Bootstrap				
DATA	SQL	Cosmos DB	Firebase DBs	REST APIs	Redis			
OTHER	Git	L ^A T _E X	Figma	Android Studio	Docker	Node	Postman	Wordpress
	Jira	Kanban	Unity					

VOLUNTARY WORK

APR 2024 - AUG 2024	Web Developer, Glasgow Community Energy. <p>Improvements to the Wordpress site of a renewable energy co-operative based in Glasgow. Work so far has included setting up a paid membership system with Stripe and creating an interactive map.</p>
SEP 2020 - AUG 2021	Maths Tutoring Leader, University of Nottingham. <p>I volunteered as a peer mentor for first year university students, running weekly maths help sessions as well as giving general support in their transition to university.</p>