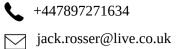
Jack Rosser

INTERESTS





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SUMMARY	Full-stack junior developer skilled in the MERN stack (MongoDB, Express.js, React.js, Node.js). Experienced in Agile practices and multilingual communication (English, Spanish, Mandarin). While working as a teacher, I learned to use tools like React.js, Node.js, and MongoDB to solve educational problems. I am eager to transition to a full-time junior developer position.	
EDUCATION	MSc in Computer Science (Bath University)	Oct 2021 – Dec 2023
	- Used Java to make a terminal-based banking interface as a group and employed Agile practices such as pair programming, version control, and daily stand ups	
	- Made a CNN using Python and Tensorflow to classify images by age and gender	
	- Implemented Lambda Calculus in a Haskell program with features like beta reduction	
	- I passed all units with merit/distinction. Currently, I am finishing my thesis on weekends; it explores how gamification and AI can reduce user attrition in a language-learning React Native app	
	MA in Literary Studies (Durham University)	Oct 2015 – Aug 2016
	BA in English Lit and Creative Writing (Northumbria University)	Sep 2012 – July 2015
CODING PROJECTS	Can You Read It (https://can-you-read-it-atd5.onrender.com/) - Calculates a text's CEFR level and stores it in a sorted collection. It was made so teachers could check the level of their English exams and students could find suitable reading practice Node, Express, MongoDB, Mongoose, React, Cheerio, Axios, HTML, CSS, Styled Components Inquizitive (https://inquizitive-l7wp.onrender.com) An interactive review game to replace Bamboozle, which could not be accessed in the school - Node, Express, MongoDB, Mongoose, React, Redux, Axios, HTML, CSS, Ant Design, Vite Group Picker (https://remitito.github.io/group-picker/) - Sorts students into groups while addressing two issues with existing services: 1) Separating disruptive students 2) Editing groups without restarting the process	
SKILLS	Programming – Frontend JavaScript: React, Redux, Ant Design, Styled Components Backend JavaScript: Node, Express, Mongoose, Passport, Cheerio Other: HTML, CSS, MongoDB, Java, Python, Haskell, Linux, Windows Collaboration – Version control (Git), Slack, sprint boards (Trello), stand ups, pair programming	
	Languages – English (native), Mandarin Chinese (HSK5), Spanish (advanced)	
	Communication – 7 years as a teacher heightened my public speaking and presentation skills	
CAREER	English/Web Dev Teacher (Olive Tree School, Hangzhou, China)	Sep 2021 – July 2023
	Other Teaching Positions (China and Spain)	Oct 2016 – July 2023

Boxing | Calisthenics | Cinema | Football | Gaming | Languages | OCR