

Joel Fraser

Software Developer

Personal Information

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GitHub

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Website

<https://jof99.github.io/jof39.github.io/>

Skills

- HTML5
- CSS
- JavaScript
- MRE Framework
- PHP
- Laravel
- MySQL
- Java
- C/C++
- Git
- React
- WordPress
- Node.js
- Microsoft Azure

Achievements

- Aberystwyth University Men's Basketball Team (4 years)
- Small forward for the Aber Warriors (BWNL league team)
- Aberystwyth American Football Varsity 2022 Winners
- Nation Citizens Service Participant

Flexible and recent Computer Science graduate with excellent communication, time management, and problem-solving skills. Possesses a strong foundation in various programming languages and is passionate about software and web development. Committed to ongoing learning and professional growth within the field.

Employment

2022/11 – Present, Junior JavaScript Games Developer

Metascript

- Experienced in using the MRE framework to develop immersive and interactive games in JavaScript.
- Experienced in using Jira for project management, including tracking and prioritizing tasks using Scrum methodologies, collaborating with team members, and managing project timelines.
- Proficient in using version control systems, including Git and Bitbucket, for managing and collaborating on code projects.
- Skilled in designing and implementing game mechanics, user interfaces, and audio/visual elements and components using Node.js and React
- Strong problem-solving and debugging skills, with the ability to quickly identify and fix issues in code.
- Comfortable working in a fast-paced, agile development environment and able to adapt to changing project needs.

2022/11 – Present, Sales Assistant

Tesco Express, Rowley Regis

- Assisted customers with purchasing decisions and provided recommendations for products based on their needs.
- Stocked shelves and arranged merchandise to maintain a clean and organized store environment.
- Processed transactions accurately and efficiently using point-of-sale (POS) systems.

2022/07 – 2022/09, Front of House Waiter

Mama Fay's, Aberystwyth

- Communicated and consulted with customers and colleagues during a busy 6- hour shift, helping resolve any queries in a timely and polite manner.
- Supported a team of 3-4 waiters/servers to deliver excellent customer service.
- Managed and collated orders on the restaurant computer system efficiently and accurately to ensure good customer feedback.

2020/02- 2021/05, Ticket Support Admin.

Gamestop100, MMORPG Top List Company

- Worked as a ticket support admin for Gamestop100.com, a game top list site that ranks and promotes private servers for MMORPGs such as RuneScape, World of Warcraft, and Minecraft
- Provided support to clients who owned private servers listed on the site.
- Assisted clients with troubleshooting technical issues and ensuring the smooth operation of the service.

2015/06 – 2015/06, Junior ICT Technician

Phoenix Collegiate IT Department, Birmingham

- Provided technical support to employees and students, including troubleshooting hardware and software issues, and configuring system settings.
- Collaborated with senior technicians to learn new skills and technologies.
- Managed and maintained databases using MySQL and SQL Server, including designing, and implementing schema changes, importing, and exporting data, and performing basic queries.
- Configured school networks using a variety of technologies, including switches, routers, firewalls, and wireless access points.

Education

2018/09 – 2022/09, Computer Science, Bachelor of Computer Science, Aberystwyth University

Modules Included:

- Agile Development and Testing
- Spreadsheets
- Fundamentals of Web
- Software Engineering
- C and C++
- Algorithm Design and Data Structures
- Web Design and the User Experience

2016/09 – 2018/05, Stourbridge College (now Birmingham Metropolitan College), Birmingham

- 3 A-Levels including Computer Science, Mathematics, Business

2013/10 – 2016/09, The Earls High School, Birmingham

- 9 GCSEs including English, Maths, Science and Computer Science.

2016/02 – 2016/02

- EDCL BCS Level 2 Certificate in IT Application Skills in February, achieving distinctions in Presentation Software, Improving Productivity Using IT, Spreadsheet Software, and Word Processing Software.

Projects

2018/03 – 2020/12, Minecraft Server

Onyxcraft.tebex.io

- Developed and maintained a Minecraft server, including configuring and optimizing server performance, implementing new gameplay features and plugins, and providing technical support to players.
- Utilized Jenkins for continuous integration and deployment of the plugins to the Minecraft server.
- Improved server stability and scalability by continuously monitoring and debugging issues and implementing performance improvements and code optimizations.

2019/04 – 2019/08, Roblox Game Creator

- Experience in game development and programming on the Roblox platform using Roblox Studio and the Lua programming language.
- Created and published multiple games, resulting in a combined total of 50 unique players.
- Developed custom game mechanics and scripts, honing skills in problem-solving and project management.

Volunteering

2016/06, British Heart Foundation

- Assisted customers with purchases, processed payments, and provided excellent customer service.
- Maintained stock levels and arranged displays of merchandise to optimize sales.
- Developed effective communication and teamwork skills through collaboration with staff and volunteers.

Hobbies/Interests

2021/09 – 2022/05 Basketball

- Competed at the national level as a member of the Aberystwyth Town Basketball Club in the Basketball Wales National League (BWNL)
- Demonstrated strong teamwork, leadership, and dedication.
- Improved skills and knowledge through consistent practice, contributing to the team's success.

References Available on Request.