

Chris Greer

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Profile

Reliable and experienced developer with a track record of building effective, user-focused solutions. Skilled in applying core computer science principles, designing intuitive user interfaces, and delivering scalable, maintainable backend systems. Positive and open-minded approach to collaboration, with a commitment to continuous learning and supporting organisations to achieve their goals.

Education

University of Nottingham

Graduated July 2025

BSc Computer Science - First Class Honours
(Final average: 75.2%)

- Applied agile methodologies, version control, and collaborative development practices.
- Built a strong foundation in software design, clean code, scalability, and maintainability.
- Gained a solid understanding of algorithms, design patterns, and data structures, with a focus on computational efficiency and a range of programming paradigms.
- Built mobile applications using Java for Android, applying event-driven logic and UI/UX considerations.
- Explored core concepts including multithreading, scheduling, memory management, and concurrency.
- Designed autonomous agents and studied techniques in search, planning, symbolic reasoning, and machine learning.
- Learned secure coding practices and encryption fundamentals, including hashing, symmetric/asymmetric cryptography, and access control.
- Created interactive data visualisations using front-end technologies and developed 3D simulations with graphics pipelines and OpenGL.

A Levels: Mathematics (A*), Physics (A), Chemistry (A)

Projects

Spring Boot: Currently building a call booking system using Spring Boot (Java), PostgreSQL, and Docker for containerised local development and deployment simulation. Focused on clean architecture, RESTful API design, authentication, and error handling.

C++ Game: Designed and built a fully animated game in C++ using object-oriented design and event-driven logic. Demonstrated real-time rendering, user input handling, and modular design.

More: See other projects on my GitHub: [@chrisGreer92](https://github.com/chrisGreer92)

Employment

HRS Software Ltd (London/Remote)
Software Developer (Full Stack)

July 2018 – March 2025
(Part-time from Sept 2022)

- Collaborating with other developers in defining, planning, and building new features such as an HTML email builder, CV parsing using AI, and automated email importing.
- Communicating directly and effectively with clients to provide customisation work specific to their needs. Recent examples of my work include integrated document signing, creating custom reports, and building compliance workflows.
- Working with APIs including Mailgun, Mailchimp, Broadbean, Daxtra, Gumloop and Signrequest to add extra functionality to our products.
- Migrating relational data accurately between various sources and our products. In a recent project I successfully matched hundreds of fields, pulling in over six million records. This required working closely with the client to ensure the data was correctly mapped and any potential delays avoided.
- Designed the UI for new features with attention to UX and visual consistency across the platform.
- Applying agile methodologies and participating in sprint planning, stand-ups, pair programming, and code reviews to maintain high code quality and ensure effective collaboration.
- Debugging issues, implementing fixes, and providing 1st/2nd line support (Zendesk/JIRA).
- Developing using Filemaker, SQL, PHP, JavaScript, XML, JSON, Java, and HTML/CSS.

Commerz Systems GmbH (Prague, Czechia)
Application Specialist

Oct 2017 – July 2018

- Managed Unix servers, performed planned and emergency changes.
- Gained proficiency with Unix, SQL, and FIX Protocol messages.
- Communicated effectively under pressure with traders in Frankfurt.

Recruitment Force Ltd (London)
Application Support/Junior Developer

May 2015 – Oct 2017

- Collaborated with other developers in defining, planning, and building new features.
- Communicated directly and effectively with clients to provide customisation work specific to their needs.
- Debugged issues, implemented fixes, and provided 1st/2nd line support (Zendesk/JIRA).
- Provided training and guidance to clients.

Nationwide Utilities Ltd (London)
Business Administration

Oct 2012 – May 2015

- Developed and improved our standard operating procedures, notably by implementing a request template and introducing a client priority system, based on energy consumption.
- Worked closely with the IT team to continuously improve internal tools, for example adding extra features into the comparison software to account for new taxes on energy.
- Account Manager for contracts including Brighthouse, Wahaca and Farnborough airport.
- Managed and trained other support staff.

Technical Skills

Languages: Java, C++, C, Python, SQL, PHP, JavaScript, Typescript, HTML, CSS, JSON, XML.
Technologies: Springboot, Git, Docker, Linux, MySQL, AWS, React, Gumloop, OR Tools, Z3.
Other: OOP, clean architecture, design patterns, data structures and algorithms, concurrency, test-driven development, UI/UX considerations, version control, software architecture principles, agile methodologies (Scrum/Kanban).

University Contributions

Mentor: Guided and supported other students as part of the UoN Mature Student Mentor scheme.
Git Lead: Ensured good Git practices and reviewed code changes in a successful 8-person group project developing a React Native mobile app with AI integration, which transformed videos into 3D models.
Vice Chair: Led meetings, provided feedback, and ensured the team met strict deadlines in a successful 8-person ethics group project involving a debate on social media and a group report on automation.

Hobbies

Gym, yoga, cycling, and squash.
Playing drums.
Traveling and interacting with different cultures (currently Learning Spanish).
Board games and painting miniatures.

References

Available on request.