

Harry Walker | Software Developer

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Personal Statement

As a Software Engineer with over two years of professional experience, I value problem-solving and continuously growing my technical knowledge. The *Northcoders* Software Development bootcamp taught me the valuable skills I require for this career, and my time with the *London Stock Exchange Group* has allowed me to apply these skills in a commercial environment. Before my Engineering journey, I worked full-time as an Actor and part-time as a Senior Games Master. This prior experience allows me to bring an aptitude for creativity, communication and collaboration to the tech industry.

Technical Skills

- **Languages:** JavaScript (using Node.js and browsers as environment), TypeScript, Python, Java
- **Testing:** Test-Driven-Development, Jest, Supertest, Pytest,
- **Back-end:** SQL, PSQL, Seeding, Flask, Insomnia, Postman
- **Front-end:** HTML5, CSS3, React, Angular, Bootstrap, Ninja, Lighthouse and other accessibility tools,
- **Cloud:** Amazon Web Services (AWS), Infrastructure as Code tools such as Terraform,
- **Other:** Node, Pygame, Paired programming, technical communication, SDL, Agile and SCRUM methodologies, Secure Coding Practices, Documentation Writing, SCRUM Master experience, Docker, YML

Experience

Software Engineer | London Stock Exchange Group | Mar 2024 - Present

- Developed an application from Project to Product in a team of Devs and QEs
- Upheld a Test-Driven approach to Python development work
- Championed Paired and Individual working approaches best suited to work-items
- Partnered with the team to write clear and detailed documentation
- Interacted with Product Manager, SREs and other Dev teams to achieve sprint goals
- Served as SCRUM Master, organising and hosting team meetings
- Gained proficient knowledge of AWS through sprint work and certification
- Participated in conferences and a Hackathon to further develop my skills

Junior Software Developer | Northcoders | Aug 2023 - Feb 2024

- Gained proficient knowledge of using JavaScript and full-stack development
- Attended lectures and seminars, and contributed questions and ideas
- Applied my learning to build my fully-tested back-end development project
- Successfully built on my API with my front-end development project
- Collaborated with a team to plan and build a full-stack application using Typescript

Temporary Festive Bookseller | Waterstones | Nov 2023 - Jan 2024

- Learned order processing technology quickly and proficiently
- Worked efficiently to pack a set amount of post orders by a given deadline
- Liased with multiple departments to support the success of the shop

Senior Games Master | Cave Escape Nottingham | Sep 2021 - Nov 2023

- Achieved promotion to senior role, training new staff and running site independently
- Learned to use relevant software (*Escape Room Master* and COGS) proficiently
- Delivered engaging Escape Room experiences to various demographics of teams

Actor | Various (including Curve Leicester & Derby Theatre) | Aug 2021 - May 2023

- Acquired multiple auditions and roles through networking with multiple contacts
- Managed various tasks with digital resources such as Google Sheets
- Devised and performed my own show at the Sheffield Festival of Debate

Course Ambassador | Sheffield Hallam University | Oct 2019 - Jun 2021

- Contributed insights of student life to in-person and online course talks
- Displayed positivity around the benefits of my course to prospective students
- Communicated with visitors to clearly and confidently answer their questions

Housing Fair Assistant | Sheffield Hallam Students' Union | Aug 2019 - Dec 2019

- Played a key administrative role in organising the 2019 student housing fair
- Maintained relationships with various internal and external stakeholders
- Balanced a variety of tasks with competing deadlines

Training & Education**Secure Code Warrior Training | Jan 2026****AWS Cloud Practitioner Certification | Sep 2025****Sheffield Hallam University | Sep 2018 - Jul 2021**

Performance for Stage and Screen (BA Hons) - First Class

Nottingham College | Sep 2016 - Jun 2018

BTEC Level 3 Extended Diploma in Performing Arts (Acting) - D*D*D*

Hobbies and Interests

Additional coding projects include the completion of an introductory Python course with OpenLearn, as well as note-taking on coding-related YouTube videos. I have recently started building side projects using the Front End development framework React. I am a writer for the *Doctor Who Big Blue Box Podcast and Blog*, penning and formatting my articles through WordPress and appearing on the podcast with its creator, web designer and developer Garry Aylott.