Tara Patterson

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SUMMARY

Motivated junior tech professional with a solid foundation in development and problem-solving skills. Eager to contribute to innovative projects and grow within a dynamic tech environment.

TECHNICAL WORK EXPERIENCE

Citi Bank, Belfast • *Analyst*   *June 2021 - June 2022*
- Designed and developed an internal web portal for UI/UX teams, streamlining resource management, maximising efficiency, and eliminating data loss through collaborative idea integration.
- Performed comprehensive software testing (black and white box) to identify and resolve errors, improving system reliability and ensuring high client satisfaction.

Krankikom, Duisburg• *Remote Internship*   *September 2023 - December 2023*
- Implemented web development solutions in collaboration with the graphical design team, ensuring concept feasibility and effective communication.
- Supported ISO27001 navigation, preparing and presenting benefits, outlining potential risks, and detailing achievement strategies for enhanced security standards.

PROJECTS   https://github.com/Tara2805

Personal Portfolio Website: Developed a responsive personal portfolio website using jQuery, Bootstrap, HTML, CSS, and JavaScript, showcasing my projects and skills with dynamic content and user-friendly design.

Collie Meets Beagle: Created a React app for dog owners, utilising APIs, NoSQL (MongoDB), styled-components, and comprehensive testing to provide educational resources; incorporated HTML, CSS, and JavaScript for robust functionality.

Novel Navigators: Built a custom API for a book leasing program using Python, SQL, and database management; collaborated in a team environment to ensure efficient data handling and user interaction.

Information Security: Currently working towards my Information Security Certification by implementing port scanners, Password crackers and performing penetration testing.

Drone Discovery: Tackled a challenge to uncover and decipher missing frames in security drone footage using Python and digital forensics, enhancing data recovery and analysis techniques.

EDUCATION

University of Derby, UK   *September 2019 - September 2023*
Bachelor of Engineering (concentration: Cyber security and digital forensics with industrial placement)
1st class honours | 1:1

CodeFirstGirls, UK   *February 2024 - July 2024*
Nano degree (concentration: Full Stack Engineering)