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Software Developer

BSc(Hons) Computer Game Applications Development  
**Abertay University** 09/2017 - 05/2022 | Dundee  
Graduated with Honours **(Second Class: Upper Division)**, specializing in gameplay programming and accessible game design.

* **Final Project:** Developed a challenging Souls-like game using **Unreal Engine 4**. The project explored the impact of **software accessibility features** for players with simulated disabilities. Findings suggested that difficulty in games can be preserved while enhancing accessibility, underscoring the importance of **inclusive design** in gaming.
* **Core Modules:** Data Structures and Algorithms, Mathematics, **Network Systems**, Graphics Programming, Applied Game Technologies, Audio Programming, and **Tools Programming**.
* **Leadership & Contributions:** Elected President of the Abertay Roleplaying Society. Served as the student lead programmer, gaining expertise in Git repository management and effective communication during my third-year project.
* **Academic Excellence:** Achieved a **4.0** in my honours project, with a **4.5** for professionalism.

Education

Junior Java Developer

**Sparta Global** 06/2024 - Present | Remote

At Sparta Global, a leading technology training and consulting firm, I honed my skills as a Junior Java Developer, focusing on modern software development practices and delivering high-quality code in a collaborative environment.

* Developed and maintained **Java**-based applications, ensuring adherence to SOLID principles and best practices in software design.
* Implemented **REST APIs** and integrated them with front-end technologies like **Thymeleaf** and **Bootstrap**.
* Employed **Agile** methodologies and **Scrum** practices to effectively manage project timelines and deliverables.
* Utilized version control tools such as **Git** for code management and collaboration.
* Conducted unit testing using **JUnit** and **Mockito** to ensure code quality and functionality.
* Enhanced database interactions with SQL, NoSQL, and JDBC.
* Participated in continuous learning and development, expanding my proficiency in API **Security**, **Spring Boot**, file I/O, and concurrency.
* Contributed to multiple team projects with a proactive approach in a fast-paced development environment.

Barista Guru

**Henry’s Coffee House** 07/2022 - 12/2023 | Dundee

Henry's Coffee House, a cosy café in Dundee, entrusted me with leading shifts, fostering teamwork, and ensuring exceptional customer service.

* Led shifts **3+ times per week**, promoting collaboration and maintaining high service standards.
* Ensured café cleanliness, strictly adhering to Allergy and Food Hygiene regulations.
* Managed banking transactions securely and efficiently.
* Trained and **mentored 15+ team members**, improving workflow during peak hours.
* Thrived in a fast-paced environment, consistently delivering excellent customer experiences.
* [Portfolio](https://docs.google.com/document/d/1aOA2d0t-XOFHFPWDdwz0I6WSbXn0hBABlOOyfl9_GOQ/edit?usp=sharing)
* [Twitter](https://twitter.com/DevColy)
* [GitHub #1](https://github.com/Devin-Colyer)
* [GitHub #2](https://github.com/DevColyer)
* [Itch](https://papadev.itch.io/)

Links

Motorcycles  
Enthusiast with a Yamaha YBR125 and a Honda CBR600.

Music  
Lover of metal, folk, and prog music; enjoy playing and writing.

Gaming  
Passionate about TTRPGs like Vampire: The Masquerade and TCGs like Magic: The Gathering.

Programming  
Active in game jams, with creations like the "Abertay Game Jam Simulator 2023."

Reading  
Avid reader of authors like William Gibson and Kentaro Miura.

Cooking  
Enjoy crafting meals, pairing them with cocktails, and brewing barista-quality coffee.

Passions

C/C++ • Java • Python • C# • SQL • HTML • PHP • Agile and Scrum • Git • Version Control • Spring Boot • OOP • SOLID • Design Patterns • Unit Testing • Debugging • Concurrency • REST APIs • JDBC • File I/O • Unity • Unreal Engine • Wwise • Google AR • AI • Teamwork • UX • Mathematics • Thymeleaf • Bootstrap • Grug Methodology

Skills

[devcolyer@gmail.com](mailto:devcolyer@gmail.com)  
+44(0)7763452092  
Perth, Scotland, UK  
[LinkedIn](https://www.linkedin.com/in/devcolyer)

Contact

Experience

I am a motivated and detail-oriented Software Developer with a strong foundation in C-style languages, including C, C++, and C#. I am passionate about technology and particularly interested in crafting complex software solutions. My experience at Sparta Global has refined my skills in contemporary software development practices, supported by a diverse portfolio of projects. In addition to my technical expertise, I bring leadership experience from my time as a Barista Guru, where I managed teams and ensured high operational standards. I am now seeking a challenging software engineering role to leverage my education and hands-on experience in development and technology.

Summary

Devin Colyer