DARIAN PIETERSEN

HONOURS STUDENT

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PROFESSIONAL SUMMARY

Enthusiastic computer science student at the University of Free State with a strong work ethic cultivated during the first year of study. Passionate about leveraging technical skills to develop innovative and impactful solutions in computer science. Committed to continuous learning and collaboration, aiming to contribute meaningfully to projects that drive technological advancement. Eager to embrace challenges that foster growth and creativity in a dynamic environment.

WEBSITES, PORTFOLIOS, PROFILES

- https://www.linkedin.com/in/darian-pietersen/
- https://github.com/DarriPi

EDUCATION

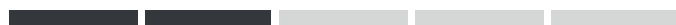**BSc**: Computer Science and Business Management, 11/2025
University of the Free State - Bloemfontein, FS

TECHNICAL SKILLS

- C#
- JavaScript
- R
- SQL
- Git
- .Net Core

- Python
- HTML/CSS
- MVC
- Bootstrap
- GitHub
- Visual Studio

EXPERIENCE

Vacation Work, 07/2025 - 07/2025
BBD – Johannesburg

- Selected to be apart of 20 students to participate in an exclusive work experience program at BBD
- Contributed to the development of a web-based Laser Tag game, focusing on creating an interactive and responsive frontend interface.
- Implement user-friendly designs and optimized the game for mobile devices to ensure smooth and engaging gameplay

Quantitative Analyst Internship, 01/2025 - 02/2025
QYF - Quantify Your Future – Remote
- I had the chance to be a team leader and under my leadership most employers confirmed that my team exceeded their expectations with most of the problem sets
- Dealt with datasets that reached to 50 000 data entries
- Optimized machine learning models for improved prediction accuracy and performance.
- Performed advanced data extraction and data manipulation.
- Collaborated with business partners to understand business objectives.

CERTIFICATIONS

Introduction to Cybersecurity, Cisco - Nov 2025

Introduction to Computer Science, Harvard - Jan 2024

PROJECTS

Music Player
- Built an aesthetic music player for the CS50x Online course
- Allows user to play music from their computer

Laser Tag Game BBD
- A real-time computer vision system
- Allows users to play laser tag using their mobile phones
- Makes use of the phones camera to tag players via computer vision

ACHIEVEMENTS

- Top 15% in my university and member of Golden Key community
- Best performing second year student in Computer Science