Andrew Grant Ballantyne

Business Computing Graduate

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Motivated and solutions-focused Business Computing graduate with over 10 years of professional experience and a proven ability to adapt and thrive in high-pressure environments. Returning to study to pursue a career in software development, I bring strong problem-solving, communication, and collaboration skills. I have experience with languages such as C#, Python, and SQL, as well as front-end development, and have built full-stack projects using industry-relevant tools and practices. Passionate about continuous improvement and software quality, I aim to contribute to high-performing teams and deliver robust, user-focused solutions.

Portfolio Website

- https://grant121.github.io/andrew-grant-ballantyne.github.io/

Software

Programming: C#, Python, C++, Swift, JavaScript, HTML/CSS

Tools: Visual Studio, Xcode, Firebase, Power BI

Design: Procreate, Canva, Draw.IO

Analysis: SQL, Excel, SAP

Content & Communication: Digital Writing, Accessibility & Usability, User Journey Mapping, Agile, Google Analytics

Platforms: Office 365, Google Workspace, MES, GitHub

Academic Projects

Developed an educational full-stack spelling app for children using Swift, SwiftUI, and Firebase. Designed engaging word puzzle gameplay with multiple difficulty levels tailored to young learners. Created user personas and applied UI/UX best practices to build an age-appropriate, accessible interface. The project emphasised user-centered design, educational value, and ease of use to support early literacy development.

Designed and developed a responsive web-based API solution using HTML, CSS, JavaScript, and Bootstrap, following best practices in usability and responsive design. Created detailed wireframes

and mockups to illustrate user flow and interface functionality. The prototype featured real-time API integration and dynamic UI components, developed to meet defined stakeholder requirements.

Created a professional Power BI dashboard to visualise and analyse a dataset, presenting key insights through interactive charts, graphs, and slicers. Demonstrated ability to clean, transform, and model data, and delivered meaningful recommendations based on trends and performance metrics.

Work History

Sep 2024 - Current

Customer Assistant
Tesco, Consett

- Delivered excellent customer service and resolved queries efficiently, demonstrating strong communication and interpersonal skills.
- Assisted in stock management and inventory checks, contributing to store accuracy and availability.
- Collaborated with colleagues during peak times, ensuring smooth operations and effective teamwork.
- Maintained organised, customer-focused displays, reflecting attention to detail and quality standards.

Sep 2013 - Sep 2022

Band 5 Process Operator
Egger UK Ltd, Hexham

- Operated and monitored production lines, ensuring outputs aligned with quality control standards and business KPIs.
- Mentored and trained new staff, demonstrating leadership and knowledge-sharing in a fast-paced environment.
- Used root cause analysis to diagnose and resolve operational issues, showing analytical thinking and problem-solving under pressure.
- Played a key role in cross-department communication and effective shift handovers to support continuous operations.
- Maintained focus on safety, accuracy, and continuous improvement, aligning with structured processes similar to software development life cycles

Jan 2009 - Sep 2013

Hotel Supervisor
Hadrian Hotel, Wall

- Managed day-to-day team operations, including Rota planning and time management, contributing to a well-structured, service-focused team.
- Oversaw stock levels and replenishment, maintaining accuracy and operational efficiency.
- Led customer service delivery and front-of-house operations, developing confident, professional communication skills.
- Supported event planning and coordination, requiring attention to detail, planning, and working to tight deadlines.

Education

- **Sep 2022 - Jun 2025** — **Bachelor of Science: Business Computing**
  New College Durham - Durham
  - First Class Honours

- **2007 - 2009** — **Level 3 Diploma: Sports Science BTEC**
  Queen Elizabeth High School - Hexham

- **2004 - 2007** — **GCSEs: Maths, English and Science**
  Queen Elizabeth High School - Hexham

Certifications

- **Dec 2022** — Learn SQL
- **Feb 2023** — Python for Beginners
- **Mar 2023** — Learn HTML
- **Apr 2023** — Learn C++

Accomplishments

- Student of the year 2023-2024 and 2024-2025.

Interests

Hiking

Camping

Family time

Number 1 NUFC Fan

Designing/ Procreate

Football/Golf

Coffee Enthusiast

Cooking with new recipes

References

References available upon request.