

Brandon White

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Profile

A creative and reliable individual, I have the ability to combine the analytical skills I have gained from my degree with customer care experience, earned whilst working in retail, to achieve company goals and still provide customers with a fulfilling service.

Skills

- Technical
 - C, C++, C#, WIN32 and .NET framework
 - SQL database management, conversion and coding
 - HTML, CSS and JavaScript
 - Experience with both Unity and Unreal game engines, working on small games and creating levels for Unreal Tournament
 - Practice of source control, within group game creation and in managing a subdivision of some of my lectures research into AI
- Software
 - Extensive work with Adobe Photoshop, including photo manipulation for the website "OnTheWeyNarrowboatHire" and use within my A-level Graphic communication coursework
 - History of use in several versions of Windows, MacOSX, iOS and Android
 - Background in Office Word, Excel, Powerpoint and Access, within everyday use environments and creation of relational databases
 - Visual Studios, MonoDevelop, Xcode
- Analytical and numerical logic
 - Strong background in Maths and Physics, 2 full A-levels in Maths
 - Experience of converting mathematical formula into computational algorithms, for example when calculating lighting within a 3D environment, the need to commonly express geometry and implementing basic sorting algorithms.
 - Resolution of program flow problems such as game control and loading saved versions of previous sessions
 - Debugging and optimising code, throughout work experience at Sony Computer Entertainment Europe and in my own endeavours.
 - Data importation and handling, for use within a graphing program and loading save states from file
- Communication
 - Developed by volunteering as a Scout leader and managing youths throughout 2 hourly sessions
 - Trained in customer care, dealing with complaints and persuasive sales at Mountain Warehouse
 - Informative presentation skills to groups of class mates on subjects of interest to me, as well as in retail by presenting products to customers
 - Written expression from essay assignments and creating reports
 - Creative expression whilst undertaking graphic design work
- Collaborative Work
 - From undertaking all three; Bronze, Silver and Gold, Duke of Edinburgh Award Levels
 - Team programming work in both Game-Jams and Young Rewired State (in which we won the award for best teamwork)
 - Experience working in teams within office and retail based work environments

- Shift and team rota organisation from my time at Mountain Warehouse, in which shifts would be altered on a weekly basis
- Group task interaction, constructing structures such as assault courses, rafts and shelters in my role as Scout Leader
- Leadership
 - Conduction of a sub team while competing in the Young Enterprise competition
 - Project Manager of a small team developing an Android app, delegating duties to members, motivating them to work, overseeing discussions and making sure they stay on track

Degree – BSC Computer Games Programming – University of Derby – 2013-2017

- Modules:*
- *Programming 1*
 - *Programming 2*
 - *Introduction to Computer Science*
 - *Foundations of Computer Science*
 - *Subjects in Computer Science*
 - *Computational Mathematics*

 - *Graphics 1*
 - *Networks and Security*
 - *Databases*
 - *Graphics 2*
 - *Application Development*
 - *Team Project*

A-Level Grades – George Abbot School – 2011-2013

Pure Maths	A	Further Maths	C	Graphic Communication	C	Physics	B
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GCSE Grades – George Abbot School - 2006-2011

Maths	A*	Chemistry	A	Graphic Communication	B	Business Studies	B	English/Literature	B/C
Physics	A*	Biology	A	3D Design	B	Religious Studies	B	French	C

Work History

Nov 2012 – Jun 2013	Compufile Systems Limited (CSL) – Junior Project Developer
Nov 2012 – Jun 2013	Mountain Warehouse – Sales Assistant
July 2012	Sony (SCEE) – Work experience
Sep 2011 – Jun 2012	Young Enterprise Award Scheme
July 2011	Young Rewired State Competition
Apr 2010	Barrett Southern Counties – Work experience

Additional Information

I am a disciplined individual, training in martial arts during my spare time. I enjoy a challenge and can be counted on to get the job done. I strive for knowledge, reading many academic books on various subjects of interest, and am a fast learner with a creative flair and passionate drive to succeed in making changes to the technological world around us.

References available on request.