**Ashley Gibson**

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**Personal Statement**

The Bungalow, Ivy House Farm Lane, Brimington, Chesterfield S43 1AF

Graduated First Class Honours BSc Computer Science for Games student at Sheffield Hallam University. Adaptability and leadership are two of my best qualities as I have demonstrated throughout various projects, achievements and personal endeavours.  
Website: [**www.ashley-gibson.co.uk**](http://www.ashley-gibson.co.uk)  
GitHub: [**www.github.com/Ashley-Gibson**](http://www.github.com/Ashley-Gibson)

**Work Experience**

[**ASOS**](https://www.asos.com/) **~ Software Engineer ~ Nov 2020 – Present**

* Designed, developed, tested and maintained in-house C# .NET Core Web Applications using Azure Cloud Computing
* Used WebAPI for developing secure internal API endpoints
* Unit Tested using Moq and Dapper for Microservices and Database mocking
* Created and managed SQL Databases using Stored Procedures and testing using T-SQL
* Azure DevOps for CI/CD Pipelines, Source Control and Project Management
* Developed using TDD and SOLID principles as a standard

[**Arthur J Gallagher Insurance**](https://www.ajg.com/uk/) **~ Digital Developer ~ Nov 2019 – Nov 2020**

* Designed, developed, tested and maintained C# .NET/MVC CMS Websites and Web Applications (HTML/JavaScript/CSS/SASS) predominantly using Sitecore and adhering to SOLID principles
* Technology Innovation Lead – investigating and implementing new tools and processes across the business
* SharePoint development for enhancing internal systems and intranet
* Source Control using Gitflow: Bitbucket, Azure DevOps and TFS
* Atlassian Jira and Confluence for documentation and project management
* Jenkins and Azure Pipelines for Continuous Integration and Deployment
* Microsoft SQL Server Management Studio for database management
* Worked in, and occasionally managed, a disciplined Agile development strategy
* Completed extensive, regular development and security training in line with company policy
* Adhered to global, Government-standard security measures for IT Systems

[**QUBA Digital**](https://www.quba.co.uk/) **~ Junior Developer ~ Mar 2019 – Nov 2019**

* Designed, developed, tested and maintained C# .NET/MVC CMS Websites and Web Applications (HTML/JavaScript/CSS/SASS) predominantly using Kentico and Sitefinity
* Source Control: Bitbucket, GitHub, Azure DevOps, TortoiseSVN and Sourcetree
* SharePoint, Jira and Confluence for documentation and project management
* TeamCity for Continuous Integration and deployment
* GULP, GRUNT and Web Compiler for styling and scripting minification
* Microsoft SQL Server Management Studio for database management

[**Miller Solutions**](https://www.millersolutions.co.uk/) **~ Software Developer ~ Oct 2018 - Mar 2019**

* Designed, developed, tested and maintained C# .NET Core Web Applications, WordPress websites and NOPCommerce websites
* Microsoft SQL Server Database management, Searchlight server maintenance, Dynamics 365 CRM ticketing
* Produced Release Notes, Bug Logs and other documentation records for both End Users and internal developers
* Visual Studio Team Foundation Server Source Control and Visual Studio Online DevOps

**Technical Skills & Achievements  
*Programming experience:*** *C# ASP.NET MVC, C++, D3D11, C for Robotics, VB, JavaScript, HTML, CSS, PHP and Python.*

**Games Showcase Competition Winner**  
**Role**: Co-developer of a 3D PS4 Game  
**Skills**: C++ programming with Sony’s PhyreEngine, teamwork and organisation

* Developed a narration based, cooperative PS4 game using Sony’s PhyreEngine and C++
* Team of 6 achieving first prize for our year group at the annual Sheffield Hallam University Games Showcase – my role was mainly programming player movement, animation and lighting
* Trailer YouTube link: [**https://youtu.be/hPJK4F-NpMc**](https://youtu.be/hPJK4F-NpMc)
* Competition judged by Sumo Digital Ltd

**University Final Year Project**  
**Role:** Independent project: Exploring the use of IoT Devices in Games  
**Skills:** Python, project management, independence, research and hardware configuration

* Produced a 2D puzzle game using a Raspberry Pi and input devices – Rotary Encoder, Accelerometer and Arcade Buttons
* Coded in Python to transmit, extract and manipulate input hardware data for use in a game environment
* Integrated complex mathematical algorithms for translating input data and transforming graphical objects

**Technology Certifications**  
**Role**: Developer  
**Skills**: Adaptability, innovation and agile development

* Currently studying Microsoft Azure certifications to enhance my knowledge of Cloud Computing
* Passed a Kentico Cloud Developer exam proving my competence with the Kentico Cloud technology
* Passed a ThingWorx Associate Developer exam proving my competence as a ThingWorx developer

**Education**

**Sheffield Hallam University ~ BSc Computer Science for Games: Graduated First Class Honours** **2018**

**4 A levels, 1 AS level (Netherthorpe School Sixth Form)**Computing (D) Geography (C) Mathematics (E) General Studies (D) AS Level History (E)

**8 GCSEs (Netherthorpe School)**Maths (A) English (A) OCR Level 2 National First Award ICT (Distinction) OCR Level 2 National Award ICT: (Distinction)

**Year 2**Object-oriented Programming  
Programming for Games  
Software-Hardware Optimisation Techniques  
Mathematics for Modelling and Rendering  
Professional Development Project  
Web Application Development

**Year 3**  
Project: **Exploring the use of IoT devices in games (Python)**3D Games Prototyping  
Real-Time 3D Techniques for Games  
Game Software Project Management  
Mobile Applications

**Interests**

* IT Volunteer at [**Ashgate Hospicecare**](https://www.ashgatehospicecare.org.uk/)
* Programming portfolio: [**www.ashley-gibson.co.uk/portfolio.html**](http://www.ashley-gibson.co.uk/portfolio.html)
* Sheffield Hallam University Table Tennis Club – Former Chairman/Captain, Goalkeeper and Badminton
* Led adventure camping trips for kids at Summer Camp in New Jersey, USA 2018