

Peter David Stuart

Computer Science Graduate

PROFILE

Recently graduated computer science student looking to utilise university-learned skills in the field of software development. Listed below are the key skills I possess, and the academic projects that have allowed these crucial skills to be obtained. If you would like to see these projects more in depth as well as a wide array of other academic endeavours then please take a look at my portfolio: tripledots29.github.io

CONTACT

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Email

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Portfolio

tripledots29.github.io

LinkedIn

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EDUCATION

2018 - 2022

Computer Science with Games Development,

First Class Honours

Northumbria University

KEY SKILLS

- Microsoft Office
- Problem Solving
- Mathematics
- Teamwork
- Language Adaptability

EXTRACURRICULAR

January 2022

Global Game Jam

February 2022

Get Into Cobalt - Employability Programme

SOFTWARE DEVELOPMENT EXPERIENCE

Live Website

Languages used: HTML, CSS, PHP, JavaScript, SQL and AJAX

Grade: First

- The website's HTML and CSS skeleton allow the JavaScript functions and SQL fetches to be displayed clearly and precisely.
- PHP has been used to create a login system where admin users can send SQL update statements into a set table of data.
- AJAX has been used to fetch JSON data and broadcast offers to the homepage intermittently.

Mobile Application

Languages used: React Native and SQL

Grade: First

- My first delve into mobile development involved working in a team to create a native application for a real-world client.
- An agile methodology was selected as the client was updated weekly on progress and feedback given was the key focus of next week's meeting.
- The client noted the code's ability to be taken further by herself in future.

2D Game

Languages used: C++

Grade: 2:1

- A 2D game was created using a bespoke engine that made use of a flat hierarchy and therefore the benefits of abstraction and polymorphism.
- The engine had the following core features: game loop, object manager, level manager, sound engine and a collision system.
- The engine in particular allowed for a much more detailed overview software architecture and the importance of coupling and cohesion

ADDITIONAL WORK EXPERIENCE

O2 Academy Music Group - Bar Staff

September 2021 - Present

- I have gained valuable numeracy and social skills by working as a core member in a work force dedicated to serving some of the biggest gigs in the North East