

# Joe Charles Axon

55 Thorndale, Hull, HU7 6DG

joeaxon@gmail.com

www.joeaxon.co.uk

(01482) 822008

*Passionate software engineer*

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## Education

*University of Hull*      *BSc (hons) Computer Science*      2009 – 12  
Covered CS fundamentals and software development best practices.  
Strong programming focus with C#, C++ and Prolog.

## Projects

*3D Pool Game (C++, OpenGL)*

- 3D pool table and ball rendering.
- Dynamic lighting.
- Ball-ball collision detection and response.

*Multi-threaded "OS" (Java)*

- Task based abstraction library to simplify writing multi-threaded applications.
- Shell for executing previously compiled .jar files.

*Bank Application (C#, WinForms)*

- Object-oriented design.
- Manages customer account.

## Experience

*Freelance Web Development*      *Parkgate Angling Centre*      2008 – 10

- Modified open-source PHP ecommerce engine.
- Used HTML and CSS for front-end web development.

*Licensed Trade National Angling Association*      2008

- Bespoke PHP/MySQL back-end CMS.
- HTML and CSS front-end.

*WMPS Ltd.*      *Production Worker*      2005 -08

- Gained web development experience (HTML/CSS).
- Part of a team consistently meeting deadlines.

## Skills

Languages: Proficient in C# and C++. I'm competent with Java and PHP and have good working knowledge of HTML, CSS and Javascript.

Frameworks: STL, Boost, .NET, WinForms, WPF, WCF, ASP.NET, AWT/Swing, GTK+

Databases: MySQL, MS SQL, Oracle.