Contact

linkedin.com/in/atkinson-christopher

christopheratkinson.github.io

Kingston Upon Hull, United Kingdom

Certification

MEng Computer Science
University of Hull, Hull, UK - 2018

BTEC Level 3 Extended Diploma in Information Technology
Wilberforce College, Hull, UK - 2014

Technical Ability

Languages
C++ | Modern C++ | Objective C
HTML | CSS | Javascript | React
C# | .NET
Python

Tools & Environments
Visual Studio | VS Code
Boost | Qt | SDL | MFC | OpenInventor
Git | SVN

Methodologies
Agile | Scrum | Kanban
Rapid Prototyping

Platforms
Windows | Linux | macOS | Android

Professional Experience & Academia

Software Engineer, Optibrium Ltd, Cambridge, UK | *2023 -> Present*

Modern C++ Software Engineer creating elegant software that guides successful drug discovery.

Curating cross platform development to provide solutions on Windows, macOS, Linux and even through the cloud.

Building user friendly solutions through UX design and Restful API services to ensure availability for various use cases.

Ensuring quality control through test driven development and google test framework.

Software Engineer, Vertual Ltd, Hull, UK | *2018 -> 2022*

Modern C++ Software Engineer creating world leading virtual environment tools in radiotherapy.

Management of high level projects, including but not limited to requirements capture, planning and segregation of tasks, development life cycle, and distribution.

Strive towards the company's objectives to create new innovative products, using existing and modern tools to bring solutions to the 21st century.

Maintain and utilize the DICOM international standard to transmit, store, retrieve, print, process, and display medical imaging information.

Utilization of supporting languages to cultivate inhouse development tools for robustness, productivity, and accuracy.

University of Hull, Hull, UK | *2014 -> 2018*

Trustworthy Computing

Games Architecture & Concurrency

Real-Time Graphics

Commercial Development Practice

C++ Programming & Design

Mobile Devices & Applications

Virtual Environments

Recent Reading Material

Why Should Anyone Be Led by You?: What It Takes to Be an Authentic Leader
Book by Gareth R. Jones & Rob Goffee

Khan's the Physics of Radiation Therapy
Book by Faiz M Khan & John P. Gibbons

Physics for Clinical Oncology
Book by Amen Sibtain, Andrew Morgan, & Niall MacDougall

References

Available Upon Request.