Joshua Gardner | Computer Science Graduate

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Professional Profile

Throughout my Education I have acheived high grades in Modules, Gaining experience in Multiple programming languages (e.g. C++, Java, Python) and paradigms. (Graphics, Computer Vision, CNN, Modelling, Image processing, Networking, Security, Web development).

I have developed multiple projects/applications both individual and team work. Some of the projects I have worked on include; an app to find the nearest doctors in the Gwynedd area, for my dissertation/final year project I gained experience in using CNN's and object detection using TensorFlow in Python to detect specific foods in MRI Scans.

I have experience in Image Processing and OpenCV in both Python, C++ and MATLAB, working with many aspects of Java (Sockets,GUI, Maven and testing), Python scripting, Database management using MySQL & SQLite, SQL with Java & Python back-end. Research and techincal skills in Object detection, Convolutional Neural Networks and Machine learning. Web development with HTML, CSS, JavaScript. Graphical work in OpenGL/GLSL, Blender and Processing. Agent based modelling in Netlogo.

Skills

- C/C++
- Java
- Python
- SQL
- DB management (MySQL,SQLite,Python, Java)
- Machine Learning/CNN
- Object Detection
- OpenGL
- MATLAB
- HMTL/CSS/Java Script
- OpenCV/Image Processing
- Blender

Educations & Qualifications

BSc (Hons) 2:1 Computer Science

Bangor University (*Prifysgol Bangor)* 2017-2020