



Joshua
Ball

Web & Software Developer

About Me

Since I started to learn about coding, I immediately became hooked into the world of programming and software development. I really enjoy the challenge of programming and gives me a platform to solve problems and continually learn and develop my skills. To me programming is more than “just a job”, I am always excited to work on and start new projects and solve new challenges.

Below I have provided evidence of projects I have completed which showcase my skills as well as my general background with programming.

Skills

- Python 3
- Java
- HTML5
- CSS3
- JavaScript
- git/ GitHub

Experience

Research Assistant – Earlham Institute
(October 2017 – Present)

Working in plant phenomics research, involving software engineering/ development, and hardware development. Programming in Python 3 using OpenCV, NumPy, and other libraries for image capturing as well as using Tkinter and Flask for GUI building.

Dice Tray Product Page (<https://bit.ly/3bui7lt>)

An HTML and CSS mock product page for custom/ home-made dice rolling trays for table top games.

Provides examples of multiple products for one “business” and includes an embedded video as an example of content that can be included.

Dice Rolling Web App (<https://bit.ly/39u4bw9>)

A JavaScript based dice rolling app for table-top RPGs. Designed with HTML and CSS to have the standard dice set used in Dungeons & Dragons.

It uses JavaScript Math to randomly generate a dice roll based on the dice input selected.

Parallax Scrolling Page (<https://bit.ly/37q09Ue>)

A Parallax scroll page made using HTML and CSS as an example of a product description page.

Using multiple background images with a scrolling foreground.

Education

University of Manchester	MSc Bioinformatics and Systems Biology	Merit
University of East Anglia	MSc Plant Genetics and Crop Improvement	Pass
Liverpool John Moores	BSc Biology	2:1

References

Dr Aaron Bostrom	Lecturer in Computer Science, Norwich University of the Arts	aaron.bostrom1@gmail.com
Mr. Alan Bauer	Software Engineer, Metaswitch Networks	abauer@cantab.net