# JB Joshua Ball

*Web & Software Developer*

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## AboutMe

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

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| **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

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| **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 |