

JOSHUA BEE

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PERSONAL STATEMENT

I am a conscientious, ambitious and hard-working software developer, aiming to establish myself as a leader in problem solving. I am passionate about solving problems, and there is no better career for analytical thinking than software development and programming. I am a quick learner, which has been evidenced by teaching myself all the programming languages that I know. I would flourish in an environment where I can learn more languages to increase my knowledge further.

EDUCATION

2018-2019 **University of Hull**

**Master of Research
Computer Science**

Currently working on a yearlong Master of Research degree focusing on developing novel techniques to improve the efficiency of Generative Adversarial Networks, a framework of Artificial Neural Networks.

2009-2012 **University of Nottingham**

**Bachelor of Science with Honours
Mathematics (Applied Mathematics)
First Class**

Modules undertaken include: Applied Mathematics (88), Calculus (88), Differential Equations (70), Linear Mathematics (86), Modelling with Differential Equations (93), Topics in Scientific Computation (79) and Vector Calculus (84).

2007-2009 **Colchester Sixth Form College**

A-Level: Mathematics (A) Further Mathematics (A) Chemistry (A)
AS-Level: Geology (B) Economics (C)

EMPLOYMENT

2012-2018 **Symphony RetailAI**

Software Developer

Symphony RetailAI is a fast moving consumer goods business with a focus on technology. As a developer I was responsible for creating programs to help retailers and manufacturers increase their revenue through data driven analysis.

- Project leader for a program that analyses nationwide product distributions, and is currently being used by 2 international clients. Improved the usability of the application and implemented solutions to meet customer needs.
- Developed a cloud based application that encompasses all aspects of product execution, including; assortment, space planning and store planning modules.
- Worked on a program to analyse price elasticity of products using matrices to create lines of best fit to best represent the data. Once the line of best fit was created it can be used to indicate potential sales from a change in price, and allowing the client to maximise their revenue.
- Implemented database structuring and optimisation techniques to make the applications run as quickly and faultlessly as possible.

TECHNICAL SKILLS

- Programming languages: C#, Delphi, Java and Python.
- Web development languages: CSS, HTML, JavaScript, PHP and SQL Server.
- Markup languages: LaTeX, SVG and XML.
- Proficient use of Microsoft Word, Excel and PowerPoint.
- Full clean driving licence.

TRAINING COURSES

- Time Management, 2015.
- Creative Thinking and Problem Solving, 2016.
- T-SQL Brush Up and Onwards, 2016.
- Supply Chain Essentials, 2016.

ACTIVITIES AND INTERESTS

- Currently developing a website for a local football team.
- Regularly play football, squash, badminton and table tennis.
- Play the guitar, bass guitar and drums.