

# Joseph Smith

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## Personal Profile

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A highly motivated software developer with a BSc in Computer Science. Eager to learn and adaptable. I have a strong work ethic and stay updated on industry trends. Additionally, I work well both independently and as a team ensuring effective communication between myself and others. I am dedicated to delivering high-quality results and making meaningful contributions to software development teams.

## Education

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10 GCSE grades 7-4(A-C) including maths and English	2012–2017
3 A levels: Biology, Math, Psychology	2017–2020
BSc(Hons) Computer Science degree at a 2:1 level. <i>University of Lincoln</i>	2020-2023

## Technical skills

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PROGRAMMING LANGUAGES	PYTHON, C#, C++, L <sup>A</sup> T <sub>E</sub> X, SQL
SOFTWARE	GIT, GITHUB, VISUAL STUDIO CODE AND COMMUNITY
SOFTWARE	UNITY, UNREAL ENGINE 5, JUPYTER
OS	WINDOWS,UBUNTU

## Projects

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<b>Robot detection/grasping Project</b> <i>A Object detection and grasping Project using the TIAGo robot and ROS</i>	May 2023
<b>Robot Pathfinding</b> <i>A robot Pathfinding script that was run using docker and ROS 2</i>	April 2023
<b>Image Enhancement</b> <i>A histogram equalisation program to intensify an image using C++ and OpenCL</i>	March 2023
<b>Frog Shooter</b> <i>A unity game made for a game jam event at uni with a friend</i>	March 2023
<b>Machine Learning Algorithms</b>	January 2023

*The Implementation of different machine learning algorithms.  
Such as decision trees.*

### **Artificial Neural Network Python**

*This is a neural network created by scratch using python*

April 2022

### **Banking App**

*This Project is a fake banking app program written in c++*

January 2022

## **Interests**

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**Swimming** Swimming is an interest I've had since I was a child and I have enjoyed doing it ever since and have even swam for the local club when I was younger.

**Table Top Games** Playing tabletop games has been a passion of mine since I was very young. I enjoy playing DND and Warhammer mainly. As it allows me to think of new ideas and stories that I can share with friends.

**Cooking** Cooking has been a recent interest since being at uni as I enjoy making and trying to cook different things.

## **Reference**

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For references please [email](#) me.