

Harry Tiger Miller

Computing Graduate

Harry Tiger Miller
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Portfolio: <https://harrytmiller.github.io/portfolio/#/Intro>

Professional Profile

I have a First-Class Honours degree in Computing and a strong passion for different aspects of software engineering. I understand key usability, security, networks and database principles. I have programmed using python, flutter/dart, sql and some java. I have made multiple applications from AI models to web apps. I enjoy designing/making things and I consider myself to be creative and good at problem solving. I am eager to develop my skills, collaborate with experienced professionals, and contribute to creating innovative software. You can find a more comprehensive view of my profile and projects at <https://harrytmiller.github.io/portfolio/#/Intro>, complete with pictures and running prototypes.

Skills

- I can use programming languages: python, flutter/dart, and sql
 - I have implemented databases using: firebase, and sql
 - I have core knowledge on: usability, security, networks, software engineering, databases, 3d modelling, animation, artificial intelligence, and cryptography.
 - I have used resources such as: vscode, intellij, pyzo, cisco packet tracer, github, lucidchart, firebase, edamam api, and more
 - I have developed: web applications, a mobile application, genetic algorithm models, neural network models, 3d models, 3d animations, and security protocols
 - I have experience integrating and working with APIs in various applications
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Experience

Bill's Restaurant - November 2021 to September 2023

Worked in a fast-paced environment, assisting back-of-house operations with kitchen support duties. Provided efficient and reliable assistance to ensure smooth workflow and maintain high service standards.

Spares for Homes - March to July 2020

Managed order processing tasks, including printing, packing, and shipment preparation, ensuring accuracy and efficiency. Assisted with inventory control by checking in deliveries and conducting stock audits.

Tree Felling - July to September 2020

Performed log chopping and branch shredding tasks, ensuring efficient processing of

materials. Maintained a safe and organised work environment while handling equipment effectively.

Education

University of Portsmouth 2022-2025:

BSc Computing, First Class Honours

Year 2 Avg: Year 3 Avg: GPA:

Modules included: SOFTWARE ENGINEERING THEORY AND PRACTICE, 3D COMPUTER GRAPHICS AND ANIMATION, DATABASE PRINCIPLES, ARTIFICIAL INTELLIGENCE, ADVANCED NETWORKS, SECURITY AND CRYPTOGRAPHY, USABILITY TESTING and more

Cheam High School 2020-2022:

2 A-levels: Accountancy B and Mathematics C

1 BTEC: Information technology, Distinction*

Cheam High School 2015-2020:

9 GCSEs: English literature, English language, Mathematics, Physics, Chemistry, Biology, Computer Science, Geography and French

1 BTEC: Creative Media

Hobbies and Interests

I enjoy gaming, particularly open-world adventures in sci-fi and fantasy genres. I maintain a disciplined weight training routine. I use fashion and tattoos as forms of self expression. I have visible tattoos, including on my face, neck, and hands.