

Aryan Agrawal

First year computer science undergraduate interested in cardistry, fashion, fitness & personal growth.

+44 77 2303 8722

github.com/ary4n99



ary4n99@gmail.com

ary4n99.github.io



linkedin.com/in/aryan-a



EDUCATION

The University of Manchester, UK – Bsc Computer Science

SEPTEMBER 2020 - JULY 2023 (EXPECTED)

- Courses: Python, Verilog Engineering, ARM Programming, Web Development

The British School of Brussels, Belgium – A-Levels

SEPTEMBER 2014 - JULY 2020

- A-Levels: A*A*AA in Maths, Further Maths, Physics and EPQ respectively

WORK EXPERIENCE

A.G. Trading, Belgium

DECEMBER 2019 - JULY 2020

Part Time IT and Software Support

- Facilitated support and troubleshooting for accounting software and system installations
- Developed leadership and technical support skills by helping less technically experienced employees

Private Tuition

SEPTEMBER 2018 - JULY 2020

- Tutored students of varying ages in STEM subjects, mainly mathematics, computer science, and physics
- Improved teaching skills, increased patience and a greater ability to explain complex concept in simple terms

PROJECTS

Recipe Finder Website - First Year Team Project (*In Progress*)

- A web application to recommend tasty and healthy recipes from popular recipe websites, based on user preferences (such as dietary requirements, allergies, fitness goals)
- Developing front-end using **React**, and back-end using **Node.JS** and **PostgreSQL**
- Using **Git** for project management with a 7 person team

UniCS GameDev Society Website (*In Progress*)

- The home page for the UniCS GameDev Society, displaying information about the society, members, upcoming events and photos from past events
- Collaborating with a 5 person team for front-end development using **React**, using **Git** for project management

Python Tkinter Puzzle Game

- Created an interactive puzzle game completely using **Python**'s Tkinter module
- Implemented a functional leaderboard, load/save functionality, and level regeneration features

Python Pygame Tetris Remake - EPQ

- Created a basic Tetris remake using **Python**'s Pygame module, with features from the original game
- Wrote a 6234 word essay about the the development of the project and progression of the code
- Improved project planning and research skills in addition to time management and organization skills

TECHNICAL SKILLS

Python, HTML, CSS, JS, React, Node.JS, PostgreSQL, ARM Assembly, Verilog, Git, **LATEX**

AWARDS & CERTIFICATES

Kilburn Scholarship for outstanding A-Level achievements

DECEMBER 2020

CS50X Introduction to Computer Science

NOVEMBER 2020

LANGUAGES

English, Dutch, Hindi, French