

Nathan Wise

Student

SUMMARY

I am a degree apprentice at IBM, currently studying the Digital and Technology Solutions course. I developed a passion for programming in Year 7, 2014 and have continued growing my skills ever since.

EXPERIENCE

Q2 2020 -

alwaysAI Bot

Q3 2020

- Lead-developed a Discord bot for the company alwaysAI
- Programmed, tested, conversed with client
- Bot features: run alwaysAI's deep vision models on images, view model information, view documentation
- [Blog post](#) about the bot published by alwaysAI
- [GitHub repository](#) for the bot

Outcome - Product successfully delivered on time with all discussed features. Provided rich learning experience for how to expand on future projects

Q3 2018

NHS Work Experience

- Observed somebody work at the NELFT (NHS) podiatry service in Redbridge and Waltham Forest over the course of a week in Year 10
- Voluntarily took up the opportunity to solve a problem they experienced with their rotas when booking clinical rooms
- Overhauled their entire excel rota and made a macro to alert them when they overbooked

Outcome - Product was successful and has had a deep impact at the NELFT podiatry service; the rota system is still being used years later

Q3 2018

Debden Park Open Day Volunteering

- Supported my schools open day in the Computer Science section by request of my Computer Science teacher
- Actively answered questions from visiting parents and set up activities on the computers

Outcome – Helped influence the student intake for the year as several of the prospective students I spoke with became successful candidates at the school

Q4 2018 -

Q1 2020

Gunpowder Park Run Volunteering

- Regularly volunteered at the weekly local park run
- Undertook various roles: Barcode Scanning, Finish Tokens, Timekeeper, Token Sorting, Tail Walker, Post-event close down
- My [volunteering summary](#)

Outcome - Helped deliver successful events - one being over subscribed - with lots of feedback from the community on how successful the events had been



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<http://nathanwise.tech/>



GitHub: [WiseNat](#)



Stack Overflow: [WiseNat](#)



Twitter: [WiseNatDev](#)



LinkedIn: [Nathan Wise](#)

INTERESTS



Programming



Listening to Music



Drawing



Gym



Learning to Drive

TECHNICAL SKILLS

Languages: Python, Kotlin

Version Control: Git, GitHub

Web Technologies: HTML/CSS, JS, Flask

Software: Pycharm, GitKraken,
Android Studio

Other: SQLite3, JSON, alwaysAI

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ADDITIONAL EXPERIENCE

- Q4 2017 - **Mentoring**
- Q3 2018, Q1 2020
- Volunteered as a reading mentor for a Year 7 student who struggled with reading
 - Gave guidance on how they could improve based on their performance
 - Mentored a GCSE student who struggled with maths while in Year 12
 - Creating hour lessons tailored towards resolving gaps in their knowledge and revisited old gaps to make sure that the student continued to revise them.
- Outcome* - Received positive feedback from the students I mentored; they commented on how their abilities and confidence levels had improved

PERSONAL PROJECTS

- Q1 2021 - **Terminal Site**
- Present
- Created a Terminal-based website version of this CV
 - Used pure JS, HTML, CSS and Node JS
 - Site runs on a DigitalOcean Droplet
 - [GitHub repository](#) for the project
- Outcome* – The project is deployed and is stable with a small amount of traffic
- Q1 2020 - **Remote Controlled Camera**
- Q2 2021
- Made a remote controlled camera for my A-level CS coursework
 - Uses an Android App to control a camera on a multi-axis servo mount linked up to a Raspberry Pi 4B
 - [GitHub repository](#) collating the entire project
- Outcome* - The project was successful and received maximum marks
- Q2 2020 - **Quote Bot**
- Q3 2020
- Created a Discord bot that takes a random message's content from a specified channel and reposts that content with text formatting
 - [GitHub repository](#) for the bot
- Outcome* - The project was delivered successfully with a small, but growing, user base

EDUCATION

A Levels, Debden Park Sixth Form, 2019-2021

- Computer Science - A*
- Further Maths - A
- Maths—B

AS Levels, Debden Park Sixth Form, 2020

- Further Maths - B

GCSEs, Debden Park High School, 2014-2019

- Maths - 9
- Computer Science - 8
- Physics - 8
- Biology - 8
- Chemistry - 7
- Geography - 6
- English Literature - 6
- English Language - 5

QR CODES



[alwaysAI Blog Post](#)



[alwaysAI Bot Repository](#)



[Gunpowder Park Run](#)



[Terminal Site](#)



[Remote Controlled Camera Repository](#)



[Quote Bot Repository](#)



[GitHub Profile](#)



[Stack Overflow Profile](#)



[LinkedIn Profile](#)