
Viv Hayles

Junior Software Engineer in Training at iO Academy

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CODING EXPERIENCE

iO Academy, Bath - *Coding Skills Bootcamp*

September 2024 - December 2024

I'm currently enrolled in the Coding Skills Bootcamp at iO Academy, a comprehensive program designed to equip me with full-stack development skills. The curriculum covers HTML, CSS, JavaScript, Git, Agile methodologies, and industry-standard practices for web development. I'm learning to build responsive, interactive web applications, work with databases, and collaborate on real-world projects in a professional environment. This bootcamp is focused on hands-on coding, problem-solving, and preparing me for a career in software development.

WORK EXPERIENCE

Orchard School Bristol, Bristol - *Secondary Science Teacher*

September 2018 - August 2024

I taught science to 11-16 year olds. I taught biology, chemistry and physics at GCSE.

- Teach science effectively to 11-16 year olds as evidenced by the fact my Year 11s last year got GCSE grades in science that were on average $\frac{3}{4}$ of a grade higher than what they achieved in their other subjects.
- Plan and resource lessons in advance to allow for the most effective teaching.
- Build, develop and maintain strong relationships with young people through showing kindness and respect to all at all times.
- Consistently manage behaviour well in the classroom and around school.
- Collect, compile and analyse data on students and then use this data to inform my next steps in teaching. Ensuring that all of the data is used in a GDPR compliant way.
- Produce student reports using data under tight deadlines.
- Communicate with parents/carers through email, phone calls and parents evenings.
- Support, mentor and train PGCE students and early career teachers.

Orchard School Bristol, Bristol - *Second in Science (Maternity Cover)*

September 2023 - April 2024

I was the Second in Science this means that I supported the Head of Science to manage and run the science department.

- Support science teachers and non-specialist teachers teaching science through answering queries, providing resources and training.
- Run continuous professional development for the science department.
- Key Stage 3 coordinator- support teachers in the teaching of the Key Stage 3 Science curriculum, through: updating curriculum maps; providing teaching resources; administration

of tests; analysing Key Stage 3 test data and then using this to inform students to target for intervention

- Assess the quality of teaching in science through lesson observations, book looks and student voice. I then feed this back to the Head of Science and use this to inform training needs.

Bristol Energy, Bristol - *Industry Operations Advisor*

March 2017 - September 2017

In this role I resolved issues with customers' energy accounts. These issues included onboarding, billing, erroneous transfers and metering.

OVO Energy, Bristol - *Customer Service Advisor*

September 2015 - March 2017

In this role I answered customer queries via email and telephone on issues with their energy accounts such as onboarding, billing, erroneous transfers and metering.

EDUCATION

University of Bristol, Bristol - *Postgraduate Certificate in Education*

September 2017 - September 2018

I trained as a secondary science teacher. I gained teaching experience through teaching at Sheldon School in Chippenham and at Bristol Cathedral Choir School.

University of Bristol, Bristol - *BSc Biology*

September 2012 - July 2015

In my undergraduate degree I studied a wide range of Biological Science topics and achieved a 2:1. For my final year research project I conducted research on whether bees can sense different levels of electrostatic charge- this involved me exposing the bees to different levels of electrostatic charge and recording their responses.

Sir Roger Manwood's School, Kent- *GCSE and A-Levels*

September 2005 - July 2012

- A-Levels: Biology A, Psychology A, Chemistry B, General Studies B
- AS-Level: Mathematics B, Extended Project A
- GCSE: 8 A* and 3 A

Additional Information

I have a full clean driving licence and own a vehicle. References available on request.