

Lucy Ferrabee

iO Academy coding bootcamp student, maths graduate and aspiring junior developer, based in South London

LUCY FERRABEE

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ABOUT ME

Fresh out of studying maths at university in 2014, I veered away from the sciences and worked in account management, building my confidence and communication skills. Working from home during the pandemic allowed me to reflect on what I really wanted from my career beyond simply a team of great people; I've always had a desire to get to the bottom of things and find a slick solution to a complex problem and I didn't feel that this need was being met in my previous role.

I enrolled at iO Academy, ranked the 6th best coding bootcamp in the world with the ambition of working with new and exciting technologies.

I endeavour to join a company that puts their employees first, enables self growth, appreciates commitment and understands the joy of an occasional trip to the pub. In my spare time I do my best to take in as much new music as is humanly possible. In pre-pandemic times you would usually find me on a Wednesday night at a local gig or tinkering with a new instrument I've bought (and have no idea how to play).

PROJECTS

Car Auction Website

<https://github.com/iO-Academy/2021-may-koalaCars>

We created a website using OOP to create the back-end in PHP, building upon the architecture we designed ourselves using the SOLID principles. I worked on creating the hydrators that talked to the database, the form for registering a new car including validation, and writing the unit tests for the whole application.

iO Academy Aptitude Test

<https://github.com/iO-Academy/aptitude-test>

I worked on fixing bugs and building new features for the school's online aptitude test for applicants. We used a pre-built RESTful API and compiled TypeScript and SASS using Gulp. I worked on using fetch to interact with the backend, modifying the CSS to create consistency across the application and overcoming the challenges of working in a disorganised codebase.

EDUCATION

Full Stack Track Programming Bootcamp

iO Academy

(May 2021 - August 2021)

iO Academy has taught me the skills needed to prepare me for my first junior developer role. The curriculum covers HTML, CSS, JavaScript and PHP including React, Node, TypeScript, Slim, Bootstrap, SQL and much more.

Throughout the course I've worked on two solo projects and 6 group projects which have enabled me to build a strong team-based work ethic and given me a lot of practice in pair programming. During my time I also trained as a Certified Scrum Master and took an in-depth look at agile working, completing a sprint review and retrospective at the end of each project.

Bsc Mathematics

University of Sussex

(September 2011 - June 2014)

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I studied a wide range of pure and applied mathematics including linear algebra, computational mathematics, probability statistics and continuum mechanics. My favourite aspect of the course was the weekly problem-solving exercises.

In third year I took every opportunity to pick up programming modules and created an animation using Javascript, HTML and CSS, and a frogger-style game using Action Script and Flash. The applied programming modules captured my imagination a lot more than the pure mathematics.

Esher College, Thames Ditton

A-Levels: Maths (A*) English Lit (A) Physics (A)

AS-Levels: Further Maths (A) History (A)

JOB HISTORY

Business Development/Account Manager

Take Note Ltd., London

(June 2015 - May 2021)

I worked as the sole account manager, maintaining and nurturing close relationships with our key accounts and generating new business, as well as negotiating preferential contracts. I gained tremendous communication skills through having to ask difficult questions and think on the spot in order to win work. Some of the contracts I won were the largest accounts for the company and they still work together to this day. Working for a small company taught me the ability to make quick decisions and take on responsibilities beyond my job description in aid of ensuring the company was always moving forward.