Joseph Maylor

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Maths graduate with five years experience in foreign exchange trading, looking to change careers into development. Projects I have created can be seen on my portfolio site, maylor.io

EXPERIENCE

Record Currency Management, Windsor

Associate Director, Trading

JANUARY 2019 - PRESENT

- Coordinated with Investment Strategy and Development teams to ensure successful onboarding of 3rd party services through FIX API connections.
- Wrote VBA code to help to improve processes in other operational teams.
- Assessed third party providers and presented recommendations to purchase products to the Executive Committee.

Senior Trader

JANUARY 2017- DECEMBER 2018

- Executed foreign exchange transactions on behalf of large, institutional clients.
- Specialised in post-trade analysis and data visualisation.
- Automated a large number of daily, monthly and quarterly tasks using VBA, improving quality and consistency of output.

Front Office Risk Analyst

JULY 2015 - DECEMBER 2016

- Performed post-trade checks on trading, including setting up and maintaining automated test logic in coordination with developers.
- Analysed impact of trading decisions and presented to senior management on a weekly basis.

SKILLS

I have taken a number of extensive Udemy courses to supplement my self-teaching, details of which can be seen on my website, maylor.io.

HTML and **CSS,** including mobile-first and responsive design. Working knowledge of Bootstrap.

JavaScript, including **NodeJS** - creating **APIs** with **Express**, and working with **MongoDB** via mongoose.

Good working knowledge of **VueJS** and **Vuex**, along with popular UI component libraries Vuetify and BootstrapVue.

Comfortable interacting with a range of **3rd party APIs** to consume data on weather, news headlines, pokemon and more.

Python, including creation of **Flask** RESTful APIs, and some experience with **Django**.

Incorporated 3rd party packages like **Google maps** and **Mapbox** into my websites. In particular, used Mapbox to create **interactive UI components**.

EDUCATION

University of Warwick — *Mathematics BSc*

OCTOBER 2012 - JULY 2015

First-Class Honours

Spalding Grammar School — *A Levels*

SEPTEMBER 2010 - AUGUST 2012

3 A*s in Mathematics, Further Mathematics and Economics.

FEATURED PROJECT

Walkies — *Python (Flask RESTful) back end and Vue front end. See it live here*

This website allows dog owners to arrange to meet up with each other and walk their dogs. On signing up, a user's location (stored as GeoJSON) is saved to their profile. They can add dogs to their profile, then query the user database to find other dog owners near to them. Meetups can then be arranged with a date, time and location.

The back end is built with Python (Flask RESTful), using MongoDB as the database. The front end is built with Vue, Vuex, Vue Router and the UI library Vuetify. NodeJS packages include MomentJS, Axios and Mapbox. For more details on this project, and to see my other sites, please visit my portfolio at maylor.io