



David Lyster

Full Stack Python Developer

Contact

Address

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Skills

Python

Highly Proficient - 4/5 years

SQL/MySql/SQLServer

Highly Proficient - 3 years

MS Office (Excel in particular)

Highly Proficient - 5+ years

HTML/css

Proficient - 3 years

Unix/Linux

Proficient - 3 /4years

Flask/Django

Highly Proficient - 3 /4years

Multiple Apps produced on both

DB/Data Modelling

Proficient - 3 /4years

JavaScript

Less Proficient - periodic use

React/Flutter

New Skills - Developing React front end as part time work for colleague

Links

LinkedIn

<https://www.linkedin.com/in/davidthomaslyster/>

Git

<https://github.com/davidlyster/>

Having worked as the web-app lead for our team in HSBC over the past 3 years, I am now looking to move into a new role with the aim of working on some new and exciting projects.

My work has primarily been shaped around web-app production and data analysis, both requiring extensive interaction with MySQL databases and I intend to continue in that vein, ideally working with data I personally find interesting and on projects that I find challenging.

Work History

Jan 18 - Jan 21

IT Consultant | Web App Lead

HSBC, Edinburgh, Dublin, Remote



- Designed and developed multiple web-apps/scripts used within team to assist report making and ETL processes.
- Adjustments tool was of particular importance. Used to inject correct data into data model where ETL process had failed, allowing crucial reports to continue production while ETL error was tackled. (Python, SQL, Linux, Flask, HTML/css)
- Primary user of this tool until training in multiple other users. (Excel, Data Analysis)
- Other tasks included integration of new web-apps into data model along with continued development on existing scripts/tables. (SQL)

Sep 17 - Jan 21

IT Consultant

FDM Group, Glasgow



- Completed Business Intelligence training course
- Finished top in grades, placed with FDM's top client
- Produced end to end reporting system to assist sales team with evaluating their performance in placing FDM consultants.

Education

Sep 13 - Sep 17

BSc Computer Science

UCD, Dublin

Final Year Project

Built web-app that would analyse data from physical sensors across Dublin City every 5 minutes to determine how busy the city was versus the previous year.

(Python, AWS, linux, HTML/css | Grade: **A**)

Website: davidlyster.com

Started building to show off some coding skills to interviewers. I plan to periodically add to more apps and functionality. At the moment there are 2 main apps along with some personal details and an area to download and view this cv.

Twitter

Search twitter for n most recent tweets for given term

Stocks

Track the movement of stocks on the Yahoo! Finance API. Display analysis on how trading on closing prices for given stock based on EMA analysis would have fared for past year. Plan to introduce more algorithms to this app