

David McGuire

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SKILLS

Technical

- Modelling, data analytics, and data visualization using Excel, SQL, R and Python (NumPy, Pandas, Matplotlib etc.)
- Programming Languages: Python, Java, HTML/CSS, Javascript
- Web and media experience with SEO, HTML/CSS, JavaScript, Photoshop and Premiere Pro

Personal

- Strong communication and interpersonal skills
- Proven leadership and initiative on projects
- History of working on teams, both professionally and in sport
- Excellent analytical and problem-solving skills, and able to create innovative solutions to problems

EDUCATION

University College Dublin

Bachelor of Engineering, Electrical and Electronics Engineering

Dublin, Ireland

June 2017

PROJECTS

ML Algorithm to assist in FX trading

- Currently working on developing a machine learning algorithm to assist in currency trading.
- Being developed with Python using TensorFlow.

YouTube to Spotify Playlist Creator

- Wrote a python script that takes in a YouTube music channel and cross references the titles with spotify's search engine
- If the title is a match, the song is added into a custom made Spotify Playlist
- Code was written in python, and makes use of both YouTube's and Spotify's API

Data Analysis and Visualization for Soccer

- Combining a love of soccer and a love for numbers and data, I have written python code to help analyze big data within the sport (Pass completion numbers, expected goals etc.)
- Hoping to expand on the current work and use it to assist in a future betting model

EXPERIENCE

Jones Lang LaSalle (JLL)

Assistant Project Manager

West Point, PA

May 2016 - Sept 2016

- Designed and built the first version of infrastructure code base which built the entire environment of SDLC at runtime. This reduced the development teams' monthly expenses on AWS servers by 100 thousand dollars.
- Designed and a centralized build strategy for all the software components of our client. The monolithic design of our build module brought new business to TCS

Blackrock Clinic

Support Worker

Dublin, Ireland

Jan 2014 - Jan 2017

- Designed and built the first version of infrastructure code base which built the entire environment of SDLC at runtime. This reduced the development teams' monthly expenses on AWS servers by 100 thousand dollars.
- Designed and a centralized build strategy for all the software components of our client. The monolithic design of our build module brought new business to TCS

Blazing Saddles

Team Leader

New York, NY

May 2015 - Aug 2015

- Designed and built the first version of infrastructure code base which built the entire environment of SDLC at runtime. This reduced the development teams' monthly expenses on AWS servers by 100 thousand dollars.
- Designed and a centralized build strategy for all the software components of our client. The monolithic design of our build module brought new business to TCS

Field Management Ireland

Sales Representative

Dublin, Ireland

May 2012 - Aug 2012

- Designed and built the first version of infrastructure code base which built the entire environment of SDLC at runtime. This reduced the development teams' monthly expenses on AWS servers by 100 thousand dollars.
- Designed and a centralized build strategy for all the software components of our client. The monolithic design of our build module brought new business to TCS

Interests

- Gaming, Soccer, Hiking, Cooking, Beer, Films and Reading