

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

Siemens RoboRugby

- Designed and built an autonomous robot to compete in the Siemens sponsored 'RoboRugby' competition, as part of a team, ultimately coming in third position.

Experience

Jones Lang LaSalle (JLL)

Assistant Project Manager

West Point, PA

May 2016 - Sept 2016

- Used Excel to utilize data and optimize on-site projects and have them completed on time and under budget.
- Oversaw completion of major engineering projects, primarily lab optimization for Merck Pharmaceuticals.
- Utilized problem solving skills to reconcile and resolve issues encountered during projects while on-site
- Supervised teams of 10 to cultivate an effective and proactive work environment
- Coordinated clients, laborers, and JLL to complete multi-million dollar projects
- Organized and motivated team members to successfully conclude and close out major projects

Blackrock Clinic

Support Worker

Dublin, Ireland

Jan 2014 - Jan 2017

- Responsible for handling sensitive information, including patient medical records and personal data
- Optimized the Hospital's efficiency and accuracy by maintaining and updating their digital systems and data analytics
- Reorganized the Hospital's patient record system, including digitizing their filing systems

Blazing Saddles

Team Leader

New York, NY

May 2015 - Aug 2015

- Promoted from Floor Staff to Team Leader after two months, having proved to be highly motivated and hard-working
- Directed the hiring of new employees, and oversaw their training and evaluations

Field Management Ireland

Sales Representative

Dublin, Ireland

May 2012 - Aug 2012

- Worked door to door to market our product and secure new business
- Trained to pitch ideas successfully, while communicating effectively with clients

Interests

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