|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| David Brown | |  |  | | --- | --- | | London, UK | Address icon | | 07437616911 | Phone icon | | Browndj24@gmail.com | Email icon | | linkedin.com/in/brown1989/ | LinkedIn icon | | Github.com/papismurf | Twitter/Blog/Portfolio icon | |

Personal Profile

As a multi-talented Developer/Engineer with strong experience in the financial and technology, I flourish whether in strict or agile working environments. My commercial and freelance background has allowed me to hone my organizational and project management skills under pressure and within varying short to long-term deadlines. Primarily working with Python and developing websites, webapps, data analysis and algorithmic systems from front-end to back-end utilizing conda packages Django, HTML/CSS3, JavaScript (React) and SQL for database management and unittest with Selenium/Jasmine; this gives me a Full-Stack perspective when approaching any project.

# Skills

|  |  |
| --- | --- |
| * Strong knowledge of Python * Django, Pandas, Numpy, matplotlib, REST APIs * Agile Development, Docker, ETL * MySQL, PostgreSQL, cPanel | * Node, SQL, HTML5, CSS3, JavaScript * LINUX/UNIX, Bash * Unit testing and TDD * Version Control: Git, GitHub |

# Experience

### FEB 2019 – PRESENT(Contract)

## Full Stack Developer / Hill Davenport / ASA (Remote)

Python/Django (Backend) - Django Rest Framework, Django Knox  
Postgres(Database)  
React (Material UI) / React Native (Ignite) - TypeScript, Bowser  
unittest/pytest  
Lighthouse build testing  
Docker   
Linux

Greenfield Project building a Web application and Native Mobile App for their clients to monitor the success and analytics of their distribution campaign.

### OCT 2018 – Feb 2018(Contract)

## Full Stack Developer / Forensic Testing Services, Yorkshire

Python/Django Proprietary Data Management System  
Bootstrap 4  
Node/React Redux Mobile Application -To be used in the field for data collection - AWS +Serverless   
unittest/Cypress – Test writing  
Lighthouse build testing  
Python Automated build and deployment scripts  
Linux  
Javascript - JSX/ES6/7

* Upgrade of Legacy Systems from Django 1.8 + Python 2.7 to Django 2.2 and Python 3.6.7
* Improvement of testing suites and rewriting of scripts for the database, development and deployment environments
* Building of a PWA for Sample collectors to use on their mobile for questionnaire, data, image collection and consent signing which connected to the in-house applications via custom built API

### MAY 2018 – September 2018(Contract)

## Python Developer / ASA, London

Python/Django Front and Back-end development  
Bootstrap 4  
PHP  
unittest/Selenium – Test writing  
CircleCI build testing  
CI/CD  
Fabric  
Javascript

### MAR 2018 – may 2018 (Short-term Contract)

## Python Web Developer / Quru, London

Python/Django Front and Back-end development  
Redis – Web page optimization and caching  
Docker – multi container development and production  
unittest/pytest – Test writing  
Jenkins build testing  
CI/CD  
Fabric  
Nginx

### Jan 2015 – Jan 2018

## Junior Python Developer / Fgate, London

Python/Node(Express) - Front and Back-end development   
Conda (Pandas, Numpy, scikitlearn) / Jupyter   
CMS/Web Frameworks: Bootstrap 3/4, PHP, Django  
unittest, Selenium, Jasmine - Test writing  
Travis CI / CircleCI  
OOP and Agile Development Principles  
SQL

* Various projects including, many focused the Financial and Capital Markets industry .i.e. working with large datasets for financial modelling, backtesting data, along with analysing and validating accuracy in Time Series etc.

### APR 2014 – Jan 2015

## Proprietary Trader / Tower Hill Trading

Trade on the NASDAQ and NYSE with company funds  
Use of Institutional trading platforms and software to executing buy and sell orders on Equities  
Implementing highly refined economic and equity analysis while using strict risk management techniques  
Using technical analysis to execute trades at a price of intrinsic value to maximise profits  
Gathering information for mispriced assets, detailed fundamental analysis and valuation  
Reporting to Senior Traders

# Education

### MONTH YEAR

## BA Business Administration w/ Accounting and Finance University of Greenwich, London

Year 3 Project: Portfolio Analysis and Investment Strategy  
​  
Year 3 Modules: Final Year Project, Accounting and Financial Strategy, Strategic Analysis and Strategic Management, Global Business, Innovative Products and Services  
  
Year 2 Modules: Accounting and Financial Practice, Business Start-Ups, Principles of Management, Group Business Project 2, People and Organisations  
  
Year 1 Modules: Business Accounting, Finance and Economics, Group Business Project, Information Technology, Systems Thinking I, Marketing and Business Statistics.

### MONTH YEAR

## BTEC Business Administration / Hammersmith College, London

# Activities / Certifications

Chartered Institute of Securities and Investments (CISI)  
Investment Advice Diploma: UK Financial Regulation, Securities, Derivatives, Investment and Taxation (Currently Studying)

Football  
Financial Markets  
Coding and building Python projects/Machine Learning  
Fitness/Endurance Training