**James Owen**

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**Profile:** Software developer, passionate about decentralization and web3. Web2 Python dev and data engineer.

***Languages*** –Solidity, Python**,**JavaScript, SQL

***Frameworks*:** Ethers.js, React, Next.js, Pyspark

***Databases/Lakes*** *– S3, ABS, ADLS,* SQL server, Netezza, MYSQL, SQLite, DBFS

***Clouds*** *-* Azure, AWS, GCP

***Technologies*** - ADF, Databricks, Ganache, Brownie, Hardhat, Gitlab, GitHub

***Skills*** *-* Smart Contract Development, Web development, ETL, OOP, Unix & Windows shell

**Experience**

**Sagacity Solutions Junior Developer 08/2022 -**

London, UK/Remote

* Developed financial models written in predominantly in Python and Pyspark.
* Practiced test driven development and adhered to the best practices of software development.
* Delivered code as per client releases, working under different project management paradigms including agile and Kanban.
* Ran Sagacity solutions’ proprietary software on different environments and delivered to clients as part of BAU operations.
* ETL’d data, created and maintained data pipelines and performed other data engineering tasks.

**Freelance Software Developer 04/22 - 08/22**

London, UK/Remote

* Freelanced as a web developer, writing web applications in Python using Django and Flask.
* Deployed Apps using AWS and Heroku.
* Used many different Python libraries to implement features, such as datetime, geoppy, regex etc.
* Made many different API calls to get data such as postcodes, stock market data, locations (google maps) etc.
* Scraped websites for data using Beautiful soup.
* Pushed code using Git and deployed apps via AWS Elastic Beanstalk.
* MOST IMPORTANT – learned the need for and importance of extensive unit and integration testing and writing clean code, adhering to best practices.

**Thornton and Baines Trainee Analyst 03/22 - 04/22**

London, UK

* Analyzed clients’ financial circumstances to determine potential value the company could add. Researched existing financial products to cross reference with client goals, needs.
* Liaised with new and existing clients, communicating offered services and responding to queries or requests.
* Used simple database querying to sort through client lists to connect with someone who had a greater chance of requiring assistance/services.
* Booked clients in for further consultations to alter their existing financial plans and legal documentation.

**Park Boxing London** **Founder/trainer**  **06/21 - 08/22**

London, UK

* Created a small, mobile personal training business giving boxing lessons to individuals in and around London. Developed business model based on industry analysis.
* Acquired new clients through various channels online such as Superprof, Facebook, Bark and Instagram. Utilized networking to expand sphere of influence and add value.
* Marketed the business using social media campaigns, physical advertising, and networks.

**Bar Specialists Bar Manager 03/19 - 03/20**

Johannesburg, South Africa

* Managed Individual pop-up bars at music festivals
* Performed inventory checks
* Oversaw operations within the bar, managing multiple bartenders
* Dealt with systems failures, customer complaints and other unforeseen problems

**Liberty Mountain Resort Instructor 11/18 - 03/19**

Pennsylvania, USA

* Taught snowboarding lessons to individuals and groups of people
* Interacted with customers, acted as a brand ambassador for the resort

**Education**

**University of the Witwatersrand**  **Bachelor of Commerce**  **2018-2020**

Johannesburg, South Africa

* Majored in Corporate Finance and Investment
* Coursework covered Computational Math, Business Statistics, Portfolio Management, Valuations, Information systems

**St Johns College High School 2011-2015**

Johannesburg, South Africa

* IEB subjects: Math, Physical Science, English, History, Geography, Afrikaans, Life Orientation

**Courses and programmes**

* **Patrick Collins** Solidity, Blockchain, and smart contract course
* **Harvard University** CS50 intro to computer science
* **freeCodeCamp.org** Solidity, Blockchain, and Smart Contract Course
* **Python Institute**  PCEP-30-02 Certified Entry-level Python Programmer
* **Zero to Mastery (Udemy)** Complete Python Developer in 2022
* **LinkedIn Learning**  Programming Foundations: Fundamentals
* **LinkedIn Learning** Python for non-programmers
* **Programming with Mosh**  Python Full course for beginners

**Other Achievements**

* Selected to represent South Africa at the 2018 CUCSA Basketball games in Gaborone Botswana
* Played Basketball professionally for the Egoli Magic, (South Africa)
* Amateur Superheavyweight boxer