CORDELL CHARLES

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PERSONAL PROFILE:

I am a motivated developer who is proficient in working with a variety of programmes both professionally and well as recreationally. I constantly nurture my interest in software & product development by teaching myself languages such as Python & Javascript and conducting my own personal projects from developing small games to creating and launching my own site. With the skill that I have cultivated so far, I am ready for a new challenge that will enable me to enhance my knowledge and experience in technology sectors.

TECHNICAL SKILLS:

Languages: Python, JavaScript, SQLite/(MySql), HTML, CSS.
Frameworks & Libraries: Django, React, Python-Pandas, JQuery, Flask & bootstrap.
Data formatting: JSON
Experience using: Github, AWS EC2, Nginx, Gunicorn

EDUCATION & TRAINING:

edX - Programming the Web with Javascript:
- Web Programming basics
- Using Javascript to create Dynamic, data-driven web pages
- Client-side Frameworks for Developing Modular Web
- Page Components & Building Scaleable Web Apps with Server-side Javascript

Coursera - Python specialisation courses:
- Programming for Everybody (Getting started with Python)
- Python Data structures
- Using Python to Access Web Data
- Using Databases with Python
- Retrieving, Processing and Visualising Data with Python

Udemy Online bootcamp:
- Complete Python Bootcamp
- SQL for Data Science with Google Big Query

University of Hertfordshire:
BSc Geography (2014 – 2017)
Graduated with Honours
Modules Included: Geographical Information System (G.I.S), Geopolitical Theory & Introduction to Statistical Tests using R Programming.

PROJECTS:

Portfolio and mini-game website - cordell-charles.com:
The purpose was to combine skills that I have learned and challenge myself by creating and maintaining a live site, however, instead of only adding details about myself and on there, I have also added some games for users to play and inspect. The platform & games are built using HTML, CSS, Javascript with Jquery and the site structure is built using Django as a web-framework and bootstrap for responsive web-design. The site is hosted using AWS EC2 with sever technologies Ubuntu and Nginx.

Github Repositories: https://github.com/cordell-charles/
Some of my projects can be found and downloaded from my Github repositories. Projects include:

- **IMDb Web scrapers -** https://github.com/cordell-charles/Scraper-projects
Using what I learned from my time at Incopro and from teaching myself python, I developed web scrapers to obtain data about movies on IMDb such as titles, release dates and reviews when requested. The data is then parsed and printed as a data frame using pandas, and if needed can be converted into a CSV file and saved. The code can accessed and downloaded from my repository url and run in command interface.

- **Blog** - https://github.com/cordell-charles/Blog-project
With the choice of languages and frameworks being Django, my aim here was to discover and use Django numerous abilities such as primary keys, foreign keys, data storage to build a blog and in future, plug this entire application into my live website.

EMPLOYMENT HISTORY:

INCOPRO LTD - RESEARCH AND DEVELOPMENT ANALYST

March 2018 - March 2020

As the key contact point for client-facing analyst teams and the engineering department, I undertook a large variety of tasks that allowed me to obtain and enhance skills in software development, legal analysis and problem solving. For instance, I have improved skills in base programmes such as excel/word, while also learning how integrate data between both Microsoft and software applications such as Python. My confidence and communication has improved as a result of engaging between different teams and staff and subsequently my ability to locate and solve problems in order to achieve a common goal to company resolutions and resolve conflicts.

Key Responsibilities:
Managed platform scrapers and notice sending templates using Python.
Aided in development and configuration using Django web framework.
Wrote scripts using Pandas and other data analysis related software such as Big query.
Data analysis, used to complete tasks that can affect development choice and direction.
Communication bridge between development team and analyst team by investigating bugs and delegating to the correct team within the engineering department, while also improving user engagement.
Working with Product Owners to help prioritise, develop and test company platform in a time sensitive matter.
Discovered potential problems/issues that can impact analysts and worked with Product to find a suitable solution.
Developed a strategy for dealing with infringements on popular social media platforms, which involved managing a team of analysts and cultivating tools to capture infringements.

Key Achievements:
Working in an Agile based team has also highlighted the key importance of teamwork.
Confident in using Jira task allocation and management.

STARLING BANK - OPERATION SUPPORT

August 2017 - March 2018

Key responsibilities:
- Application feature testing, maintaining & and procedure writing.
- On-boarding and reviewing new potential customers.
- Compliance checking and fraud detection.
- Merchant Data analysing and correcting – Thus ensuring customer apps were showing correct data and locations.
- Customer support/ Customer data handling
- Assisted with the development of Starling Bank overdraft calculator
- Testing new banking features and bug reporting using Jira. Testing included:
- A new platform feature to check and validate new customers documents
- Faster Payments/ Payment processing

Key Achievements:
- Developed knowledge in areas such as CASS and Bacs payments.
- Understanding the importance of being flexible and working as a unit.