DARREN SMITH

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PROFESSIONAL SUMMARY

A highly skilled professional with expertise in HTML5, CSS, JavaScript, Node JS, Angular (React) and Python, complemented by proficiency in data analysis tools such as Jupiter Notebook and Pandas. Demonstrates strong capabilities in machine learning with Scikit Learn and database management using MySQL. Adept at creating insightful data dashboards with Power BI and Microsoft Excel, leveraging pivot tables and complex formulas to drive data-driven decisions. Committed to advancing a career in data science and analytics, focusing on innovative solutions to enhance business performance.

SKILLS

- HTML5
- JavaScript
- SQL
- Angular(React / Node.JS)

- CSS
- Python
- Power BI
- Microsoft Excel

WORK HISTORY

Data Officer Assistant Part Time, 09/2023 – 01/2025
HKS TECH Ltd - Cobham, Surrey

- Utilized advanced Excel functions for efficient data analysis and reporting.

- Scanned, filed and uploaded documents onto several 100 spreadsheets.

- Facilitated strategic decision-making, creating visually impactful charts in Excel, using Filters and Pivot Tables.

Voluntary Data Support, 01/2023 - 08/2023
Happy Child International - Leatherhead, Surrey

- Contributed to specific dataset processes, enabling Happy Child International to improve its engagement with donors
- Used Microsoft Excel to cleanse data of 2000 supporters down to 200 active supporters for effective fundraising.
- Supported stakeholders in decision-making processes through accurate analysis and presentation of relevant data.
- Data-driven optimization of the company's website.
- Managed sensitive information with utmost discretion and confidentiality.

Voluntary Finance Team, 07/2022 - 07/2023
Compassion UK - Fleet, Hampshire

- Examined over 10 cheques weekly, checking their totals, transaction accuracy and identify discrepancies.
- Coordinated with other teams to resolve any discrepancies in figures, signatures and dates.
- Performed scans on cheques and kept records onto database.

Voluntary Operations Team, 11/2020 - 06/2022
Compassion UK - Fleet, Hampshire
- Data cleansed company's Oracle database and tidied up missing data.

- Dealt with over 1000 queries from sponsored Children and sponsors.

- Worked with sensitive information and updated database using Oracle and Microsoft Excel.

EDUCATION

Msc: Advanced Multimedia and 3D Technologies, 01/2012 - 01/2013
Brunel University - London
- Master's degree brings together 3D technology and multimedia interaction by integrating aspects of media, design, science, and engineering in modules such as: Multimedia and Interaction Design, Advanced 3D Technologies, Multimedia Research Directions.

- Skills gained: Experience of using Unity 3D Game Engine for Game Development, Exposure to programming scripting language such as C# and Java, Application Testing & Development, Group Projects have helped Developed effective teamwork skills.

Bachelor of Science: Computer Graphics technology, 01/2008 - 01/2012
Kingston University - Kingston
- Modules include: Visual Programming, Mathematics, Physics and CGI

- GPA: Grade 2:2

Diploma: Foundation Studies Art Design, 01/2007 - 01/2008
University College For The Creative Arts - Farnham, Surrey

Postgraduate Diploma: Computer Vision, Robotics and Machine Learning, 01/2018 - 01/2021
University of Surrey - Guildford
- Modules Studied Include: AI Programming, Internet of Things, Computer Vision and Pattern Recognition, Image Processing & Deep Learning, Fundamentals of Digital Signal Processing and Space Robotics.

- Dissertation Project (Photometric Stereo): In depth research in 3D Reconstruction and creation of a software Algorithm. The project requires using Open CV library, Visual Studio and Matlab.

- Skills Gained: Exposure to programming scripting languages and libraries. (C++, Open CV, Python, Matlab), Quantitative and Qualitative analysis of complex Data, Problem Solving, Statistics, Good Mathematics and Physics background, Software Testing

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ADDITIONAL SKILLS AND TRAINING

Jan 2025 – Present: Step8 BCS Accredited' Full Stack Web Development Course
- Completing a 12-week intensive full-stack software development bootcamp, gaining hands-on experience with front-end technologies such as HTML5, CSS, JavaScript and React as well as back-end frameworks including Python, SQL and Django.

- Developed a strong understanding of building dynamic, responsive web applications and integrating font-end and back-end systems. The program emphasized industry best practices, collaborative development, and deploying read-world projects, reinforcing both technical skills and a problem-solving mindset.

July 2022 – Present: Maven Analytics Course on Python and Data Analyst
- Programming with Python using Jupiter Notebook. This involves using Pandas (For Data Analysis), seaborn for visualizations (graph plots) and Machine Learning with SciKitLearn.

- Creating and analyzing databases using MySQL.

- In addition, using Power BI and Microsoft Excel tools such as Pivot Tables, Formulas, and data Dashboards to perform in analysis on data.