DARREN SMITH

Cobham | Surrey| 07956 096204 | darrensmith@daksmith.co.uk

https://www.linkedin.com/in/darren-smith-9b89b95b/

PROFESSIONAL SUMMARY

A highly skilled professional with expertise in JavaScript, Typescript, React and Next.js, complemented by proficiency in using Python.

Adept in writing clean code, integrating backend SQL, Node.JS and REST APIs. Familiar with Git-based workflows and debugging software. Committed to advancing a career in backend and frontend development, focused on delivering innovative, scalable solutions in fast-paced, data-driven environments.

SKILLS

- React (Next.js / TypeScript)
- JavaScript
- Node.JS
- Python

WORK HISTORY

Nov 2025 – Present: Data Kind UK Data Analysis Volunteer
- Assisted the charity by volunteering my data skills pro bono to help third sector organizations increase their use of data science and make progress on their data journeys.
- Performed an analysis of Data Kind UK's volunteer applications using **Python** and **Power BI** to gather insights into the skill sets, availability, and interests of Data Kind UK's volunteers.

June 2025 – Sept 2025: Step8Up Teaching Assistant BCS ' Full Stack Web Development Course
- Assist students and instructors during a 12-week course by supporting coding tasks, marking assessments, and troubleshooting tools like **GitHub**, **VS Code**, and web development environments. Marking assessments, talking to students and organize breakout rooms so they can work together.
- Facilitate collaborative learning by managing breakout rooms and guiding students through technologies including **HTML**, CSS, **JavaScript**, **Node.js**, Python, SQL **and React**.

Sept 2023 – Jan 2025: HKS TECH Ltd Data Officer Assistant Part Time
- 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.

Jan 2023 – August 2023: Happy Child International Voluntary Data Support
- 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.

Jan 2025 – May 2025: Step8 BCS Accredited' Full Stack Web Development Course
- Completed 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 – Dec 2024: 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.

EDUCATION

Postgraduate Diploma Computer Vision, Robotics and Machine Learning
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

Msc: Advanced Multimedia and 3D Technologies
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
Kingston University - Kingston
- Modules include: Visual Programming, Mathematics, Physics and CGI
- GPA: Grade 2:2

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