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| **EDUCATION** | |
| **Middlesex University**  ***Bachelor of Science, Information Technology and Business Information Systems***  **GPA:** First Class Honors (UK) | **London, UK**  **June 2025** |
| **Relevant Coursework**: Data Analytics & Business Intelligence (data mining, visualization), Strategic Information Systems (IT strategy, digital transformation), Agile (Scrum methodology, iterative development) Technology Innovation Management & Entrepreneurship, IT Solutions Development (system design, implementation) | |
| **TECHNICAL SKILLS** | |
| **Programming Language:** Python, JavaScript, HTML, CSS  **Frameworks:** Django, React, Pandas, NumPy, Plotly, Seaborn  **Tools:** SQL, Git, GitHub, AWS, Tableau, Power BI, API/ REST, AI Agents / LLMs, Agile / Scrum, Excel, TensorFlow, Computer Vision  **EXPERIENCE** | |
| **Middlesex University**  **Agile Developer** | **London, UK**  **Sept 2024 – Dec 2024** |
| * **Led a cross-functional Agile team of 4 over a 12-week project** using **Scrum methodology**, achieving **100% on-time delivery** of sprint milestones. * Coordinated research, development, and reporting tasks, implementing version control with Git and Agile tools (Trello/Jira) to boost team efficiency by 30% * Presented results to stakeholders and authored a 40+ page technical report, showcasing leadership, communication, and analytical skills transferable to real-world tech projects. | |
| **PROJECTS** | |
| **AI-Powered Facial Recognition Attendance Management System**  **Full-Stack ML Web Application | Python, Django, OpenCV, PostgreSQL, GPT-4, Open AI, LLM**   * Architected a facial recognition platform managing **1,000+ student records** across **15+ classes** with **99.2% accuracy**, reducing manual attendance by **85%** via a real-time **OpenCV pipeline utilizing computer vision**. **sub-2s latency** and **role-based authentication** for **25+ faculty**. * Built a **GPT-powered analytics engine** handling **500+ natural language queries/day** at **95% accuracy**, featuring **multi-turn dialogue**, **context management**, and **30+ optimized REST APIs** with **sub-200 ms response times**. * Developed **predictive analytics** using **TensorFlow.js**, training **8 ML models** for **time-series forecasting** and **risk assessment** on **10,000+ records**, achieving **88% precision** in identifying at-risk students and boosting retention engagement by **40%**. * Designed an **interactive analytics dashboard** with **15+ visualizations** (Chart.js/D3.js), **AJAX real-time updates**, and **CSV exports for 5,000+ records**, reducing administrative workload by **12 hrs/week** across web and mobile.   **Nike Sales Intelligence & Data Pipeline System**  **Production ETL Pipeline & Business Intelligence Platform | Python, Pandas, SQLite, Plotly, Jupyter**   * Architected a **production-grade ETL pipeline** processing **2,000+ transactions** across **5 regions** with **99.5% data quality**, using a **10-step transformation workflow** (duplicate detection, IQR-based outlier removal, and regional standardization) that eliminated **348 invalid records** and achieved **sub-100 ms query speed** through optimized indexing and logging. * Discovered a **$282K annual profit gap** in a **$25.9M revenue dataset**, revealing **22.8% loss-making orders (483 total)**; developed a **discount optimization and margin protection framework** projected to lift profit margins by **4.9 percentage points (11.4% → 16.3%)**, recovering **$2.9M/year**. * Built an interactive BI dashboard with 15+ visualizations using **Plotly, Seaborn, Tableau, and Power BI** for real-time KPI tracking across 25+ metrics, reducing reporting overhead by 92% and enabling multi-dimensional business monitoring. Performed **advanced customer segmentation and Pareto analysis** on **2,123 transactions**, revealing the **top 20% drive 33.1% of revenue**; designed a **3-tier loyalty program** and **predictive retention model** estimated to retain **12 high-value clients annually**, adding **$3.1M in lifetime value**. | |