

James Duxbury AfCIIS

07475 735514 | jduxbury848@gmail.com | linkedin.com/in/jamesduxbury03 | github.com/jsdunixie

I am a penultimate year Computer Science undergraduate with a real passion for technology. I fully embrace rapid continuous improvement (RCI) initiatives at my current role to allow technology to enhance operations.

EDUCATION

Durham University

Durham

Integrated Masters of Engineering in Computer Science

Oct. 2022 – July 2026

- On track for a First Class Classification, excelling in Data Science and Software Engineering
- Developed a role-playing game for IBM using Godot, working as part of an agile team

Mark Rutherford School

Bedford

GCE A-Levels

Sep. 2019 – July 2021

- A* grades at A-Level in Mathematics, Further Mathematics, Physics and Drama
- A* for CyberEPQ and A at AS-level in Computer Science

Mark Rutherford School

Bedford

GCSEs

Sep. 2019 – July 2021

- Grade 9 in Computer Science, Mathematics, Physics, Biology and Drama
- Grade 8 in Chemistry, History and English Literature
- Grade 7 in English Language, French and Religious Studies

EXPERIENCE

Software Engineer - AI Trainer

Mar. 2024 – Present

Data Annotation - Contract

Remote

- Assisted with the training of multiple AI models, with a focus on code generation
- Conducted in-depth comparisons between AI-generated responses, evaluating SQL, Python, JavaScript, and Java outputs.
- Provided detailed feedback to improve model accuracy and consistency in various coding languages.

Information Technology Support Technician

Oct. 2021 – Present

Snap-on Tools

Kettering

- Led onboarding and training of new team members during a major transition, ensuring proficiency in hardware and software support.
- Acted as the main point of contact for issues with the proprietary POS system, ensuring quick issue resolution.
- Improved collaboration between US and UK teams, significantly reducing resolution times through process enhancements.
- Created SOPs that reduced error rates and streamlined repetitive tasks, boosting operational efficiency.
- Assisted in migrating hardware for 400+ users, developing user guides and training to ensure a smooth transition.
- Contributed to key projects, including the migration to Zendesk and the creation of a web-based asset tracking system.
- Maintained a 100% CSAT score and consistently met SLAs across departments.
- Champion RCI initiatives, streamlining processes.

Sales Consultant

Sep. 2019 – Oct. 2021

Next

Bedford

- Trained new staff during a major store expansion, improving efficiency and earning promotion to team-coach.

PROJECTS

- The Disappearance** | *Godot* Oct. 2023 – May. 2024
- Led the development of a quest-based role-playing game using Godot, implementing dynamic interactions between the main character and NPCs delivering educational content from IBM SkillsBuild.
 - Managed communication with stakeholders and coordinated a team to ensure timely project completion.
- X-Ray Image Repair** | *Python, OpenCV* May 2018 – May 2020
- Utilised Python and OpenCV to restore artificially damaged lung x-rays, enhancing the accuracy of a pre-trained classifier.
 - Improved the classifier's diagnostic performance from 55% to 90% through image processing techniques.
- JSGrades: Qualification Tracker (In Progress)** | *React, NodeJS, CloudantDB* May 2024 – Present
- Designing and developing a full-stack web application to track and calculate academic grades, providing users with real-time progress insights.
 - Implementing authentication and session management with PassportJS and Express-Session
 - Utilising IBM Cloud's infrastructure with their Cloudant NoSQL database.
- GitHubNotionSync (In Progress)** | *Python, GitHub Issues API, NotionAPI, MySQL* May 2024 – Present
- Developing a Python Automation to synchronise GitHub Issues with a Notion database, to aid with task management
 - Utilising MySQL to store data fetched from both the GitHub and Notion APIs, to help detect and manage changes.

TECHNICAL SKILLS

Languages: Python (Advanced), JavaScript (Advanced), C/C++ (Basic), C# (Basic), Haskell (Basic), SQL (Intermediate)

Frameworks: React, Node.js

Developer Tools: Git, VS Code, Visual Studio, IBM Cloud

Libraries: pandas, NumPy, Matplotlib, Scikit-Learn, OpenCV

Operating Systems: Windows, Linux, macOS

Wish List: Cloud Infrastructure, DevOps

COURSES AND CERTIFICATIONS

ITIL 4 Foundation (September 2021)

Accredited Affiliate Membership to the Chartered Institute of Information Security (August 2020)

Microsoft Certified: Azure AI Fundamentals (May 2024)

IBM Enterprise Design Thinking Practitioner (October 2023)

IBM SkillsBuild: Enterprise Data Science in Practice (November 2023)

IBM SkillsBuild: Getting Started with Enterprise Data Science (November 2023)

IBM SkillsBuild: Journey to Cloud: Envisioning Your Solution (October 2023)