

## Alexander James Sainsbury

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### Introduction

Analytical and detail-oriented Physics graduate aspiring to become a data analyst. Practical experience in Python, SQL, and Excel. Skilled in turning data into actionable insights through clear visualisation and reporting. Experienced in mentoring and leading teams, with strong communication and collaboration skills developed through teaching and hospitality leadership.

### Education

#### University of Nottingham, UK — Physics BSc Sept 2016 – Jul 2019

- Gained many skills through statistical analysis, computational physics, and mathematical modelling.
- In my final year, I studied deep-space telescope redshift data using Python to estimate the distances of galaxy clusters.

### Work Experience

#### Interac, Toyama, Japan ALT mentor | Sept 2021 – Present

- Delivered engaging English lessons for over 200 students across multiple schools.
- Led training sessions for 50+ ALTs, improving teaching quality and client satisfaction.
- Assisted new teachers to support integration and cultural adaptation.
- Coordinated lesson data and performance reports with school administrators.

#### Claverton Hotel, Battle, UK Duty Manager | Jul 2014 – Sept 2021

- Managed daily operations and guest services for a 10-bedroom boutique hotel.
- Oversaw a team of staff, ensuring high service standards and safety compliance.
- Resolved IT and network issues, maintaining systems and improving uptime.
- Promoted from Kitchen Porter to Duty Manager through consistent reliability and initiative.

#### Hard Skills

- Python (NumPy, pandas, Matplotlib)
- SQL
- Excel (Pivot tables, Power query)
- Microsoft Power BI
- Tableau
- GitHub
- MATLAB

#### Soft Skills

- Analytical and problem-solving mindset
- Leadership and reliability
- Clear written and verbal communication
- Attention to detail
- Adaptability
- Time Management
- Collaboration and teamwork

## Certifications & Courses

- BCS Foundation Certificate in Business Analysis
- ITOL Data analysis career path – Provided the following courses and certification:
  - Database Essentials
  - Microsoft Power BI
  - Excel for Data Analysis
  - SQL for Data Analysis
  - Tableau
  - BCS Business Analysis Foundation
  - Introduction to Data Analysis
- Havard – CS50 Introduction to Computer Science
- IBM - Introduction to Cloud Computing

## Additional Information

- Languages: English (Native), Japanese (Conversational)
- Interests: Gaming, SCUBA diving, AI, programming, video editing, data analysis

## References

- Verify BCS certificate at <http://www.bcs.org/eCertCheck>  
Certificate Number: 00610354  
Candidate Number: AF40079706
- ITOL certificates available upon request
- Past work contacts available upon request