

# Samantha Pendleton BSc

## IT GRADUATE | DATA SCIENTIST

ALMA HOUSE, ABERYSTWYTH, SY23

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### PROFILE

Currently studying my postgraduate degree in Data Science after completing my undergraduate degree in Business IT. I have an extensive set of skills, ranging from data science applications, IT, business and communications. I am an organised individual, who works well with colleagues especially through fast-paced environments. I have strong experience in assisting people through my employment and education.

### SKILLS

#### DATA SCIENCE

Bioinformatics, Statistics,  
Machine Learning, Data Mining

#### BUSINESS & COMMUNICATION

System Analyst, Business Planning,  
Presentations: slideshows & posters

#### LANGUAGES

Python & R; HTML, CSS, & PHP;  
SQL: PostgreSQL, SQLite, & NoSQL;

#### IT

Administration, Databases,  
Operating Systems, Various Software

### EDUCATION

- » **MSc (Masters)** candidate in Computer Science 2017-2018  
**Data Science** at Aberystwyth University  
Additional: Advisor/Demonstrator, President of Computer Science Society
- » **BSc (Bachelors)** graduate in Computer Science 2014-2017  
**2:1 Business Information Technology** at Aberystwyth University  
Dissertation: Web Major Project: The Little Cake Box Website (<http://users.aber.ac.uk/sap21/>)  
Additional: Demonstrator, Peer Mentor
- » **A-levels** 2012-2014  
**IT (D\*D\*), Home Economics [Health & Social Care] (M)**  
Advanced Subsidiary: Mathematics & German  
Extra-Curricular: Art
- » **GCSEs** 2007-2012  
Results: Mathematics (A), Home Economics [Child Development] (A), IT (ID)  
Additional Science (B), German (B), Religious Education (B)  
English Language & Literature (CC), Core Science (C), Spanish (C)  
Advanced Subsidiary: PE Theory (Q)

## EXPERIENCE

- » **Researcher**, Aberystwyth University 2017  
**Bioinformatics**; student researcher  
Project: An analysis of current state of the art software on nanopore metagenomic data
- » **Student Worker**, Aberystwyth University 2016+  
**AberWorks**  
Jobs: Demonstrator/Advisor, Summer Operative: Ambassador
- » **Student Assistant**, Aberystwyth University 2016-2017  
**Information Services, Hugh Owen Library**  
Jobs: Assisted staff, attended focus groups, made strategy & floor plans
- » **Classroom Assistant**, Rimrose Hope Primary School 2011  
Jobs: Helped plus guided pupils
- » **Charity Work**, educational environments 2006-2017  
**Volunteering**  
Jobs: Environmental work, assisted with charity events, aiding the elderly  
Peer mentor for the Computer Science Department

## ACHIEVEMENTS

- » **Bioinformatics Research** 2017  
An Analysis of current software for nanopore metagenomic data  
Computer Science and IBERs department at Aberystwyth University
- » **Undergraduate Dissertation** web-based major project 2017  
Final report: The Little Cake Box  
In fulfilment of the Bachelor's Degree; Computer Science department at Aberystwyth University
- » **BCS Lovelace Colloquium** attendee 2017  
The best user interface designs for the simplest of websites; making sites attractive  
Poster Presentation at Aberystwyth University
- » **Manual Handling Course** 2016, 2017  
Certificate from Aberystwyth University
- » **Diversity Certificate** 2016+  
Diversity in the workplace training from Aberystwyth University
- » **Work Shadowing Volunteer** 2016  
Peer Mentor participation at Aberystwyth University  
Careers Service Volunteer Work Placement
- » **The Complete Award** graduate 2012  
Work Experience from Sefton Educational Business Partnership

## INTERESTS

I enjoy a wide variety of activities; I appreciate cinematography, reading small fictional novels, and music. I am keen on puzzles; involving video games plus chess. Most of my time is spent on personal projects: I am keen on developing my knowledge in my spare time through web browsing. Personal projects can be found here: <https://github.com/sap218> including my personal site with blogs about projects can be found here: <https://sap218.github.io/>.