

Samantha Pendleton BSc

IT GRADUATE | DATA SCIENTIST

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github.com/sap218



twitter.com/sap218

PROFILE

Currently studying my postgraduate degree in Data Science after completing my undergraduate degree in 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 (modelling),
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, Operating Systems
Cyber Security, Various Software

PROJECTS

- » **Postgraduate Dissertation** Masters project 2018
Project title: TBD
In fulfilment of the Postgraduate Degree; IMPACS & IBERs department at Aberystwyth University
- » **Bioinformatics Research** 2017
An Analysis of current software for nanopore metagenomic data
Computer Science and IBERs department at Aberystwyth University
Available: <http://github.com/sap218/misc>
- » **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
Available: <http://users.aber.ac.uk/sap21/>

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
Additional: Demonstrator, Peer Mentor

» **A-levels** 2012-2014

IT (D*D*), Home Economics [Health & Social Care] (M)

Advanced Subsidiary: Mathematics & German

Extra-Curricular: Art

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

» **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

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/>.