

ALEC COOK

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CURRENT EDUCATION

2022 - 2024

MSC COMPUTING, CARDIFF UNIVERSITY

Postgraduate degree in Computer Science. Predicted grade: 2:1. Elected student representative.

MODULE OVERVIEW

Computational Thinking: Core focus - HTML & CSS. Web development. Building user-friendly, commercial-ready websites. Utilising JavaScript to make interactive websites with responsive design.

Fundamentals of Programming: Core focus - Python & JavaScript. Becoming fluent with high-level programming languages. Using flask to create Python based web applications.

Databases and modelling: Core focus - SQL. Designing a relational database. Using SQL to interface with this database.

Distributed and cloud computing: Core focus – Cloud computing. In depth study of distributed-systems architecture. Exploring emerging technologies such as blockchain. Gaining experience with AWS cloud services.

Software Engineering: Core focus – Entrepreneurial skills. Developing a software orientated business plan. Developing applications that fit clients evolving needs and desires using an Agile framework.

IT SKILLS

Programming languages: Python, JavaScript, C++, SQL, HTML, CSS

Tools: Flask, MATLAB, MS Visual Studio, MS Office

Operating systems: Windows, iOS, Linux

WORK EXPERIENCE

08/2018 – 07/2022

LECTURER, SUN YAT-SEN UNIVERSITY

- Taught English and history at one of China's best universities.
- Delivered vibrant and engaging lessons to thousands of different students in packed lecture halls.
- Collaborated with a diverse team of teachers from all over the world to design 20+ interactive courses from scratch.
- Student satisfaction levels of 95%+ in end of term assessments.

Key skills: Communication, problem-solving, creativity, leadership.

02/2017 – 07/2018

LECTURER, LANZHOU JIAOTONG UNIVERSITY

- Taught English to postgraduate and undergraduate student in class sizes of 80+.
- Prepared hundreds of students to take and pass the CET4 and CET6 examinations.
- Succeeded despite tough working conditions in one of the poorest provinces in China.

Key skills: Communication, creativity, problem-solving, adaptability.

01/2015 – 06/2016

CUSTOMER ASSISTANT, TESCO

- Helped run and maintain a larger supermarket.

Key skills: Customer service, Interpersonal communication.

06/2013 – 06/2014

ADMISSIONS SUPERVISER, SWANSEA UNIVERSITY

- Decided which students to offer university places to during admission season.

Key skills: Decision making.

EDUCATION

09/2011 – 06/2014

BA HISTORY, SWANSEA UNIVERSITY

Grade: 1st. Elected student representative. Student ambassador for the university.

07/2009 – 06/2011

3 A - LEVELS, CROSSKEYS COLLEGE

History, Government and Politics, Biology. 120 (new system) UCAS points.

VOLUNTEERING

06/2013 – 01/2015

EBBW VALE WORKS MUSEUM

- Catalogued the museum's vast collection.
- Created a database to keep track of museum pieces.
- Gave tours to the public.

07/2009 – 06/2014

GWENT WILDLIFE TRUST

- Maintained large nature reserves in the Welsh valleys.
- Held workshops with local schools about wildlife conservation.

ACTIVITIES AND INTERESTS

- Keen cyclist and football fan
- Strategy gaming and chess
- Public speaking and debate
- Mandarin Chinese (HSK 4)
- Full, clean UK driving licence
- Avid reader of science fiction