

Samuel Denton

Home Address: Maize House, Ringslade Road, Newton Abbot, Devon, TQ12 1QF

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Having completed my degree at Bournemouth University, I have spent the following years setting up my own part time trading business, becoming familiar with the latest technologies and expanding my skillset. I have a keen interest in new developments and like to stay up to date on the latest tech trends; for the last few years, this has mostly been AI and PWA's.

I am a strong team member, with the ability to step up and lead when required, thanks to completing the Ten Tors and other challenges, and working as part of a team in various jobs, including software support and bartending. I am a keen learner and pick up skills easily, especially when related to technology and sciences.

Education

2016 – 2019

Bournemouth University

BSc Cyber Security & Computer Forensics

Degree Classification: 2:1

Modules studied include; Machine Intelligence (AI) for Business Decision Making, Business and Professional Issues, Application Programming, Relational Databases, Systems Analysis and Design, User-centred Web Development, Digital Forensics and Ethical Hacking and Countermeasures

2008 – 2016

Newton Abbot College

A Levels:

ICT BTech

Maths

Physics

11 GCSE's A*-C Including Maths and English

Technical Skills

University studies have provided me knowledge of topics such as programming and scripting languages; penetration testing of a system; technical analysis of hidden data on a system; encryption and decryption methods; programming genetic algorithms; neural networks and databases (DBMS's) as well as building up my knowledge of computer systems in general. My dissertation and prior interest have given me significant insight into artificial intelligence; machine learning; neural networks and related topics, and I am able to program basic examples of these.

Much of my knowledge comes from my own studies after finishing my degree, as I spend a lot of my free time completing online courses, documentaries and personal projects. I have gained a basic level of understanding on a broad spectrum of topics from quantum mechanics to molecular biology. Much of my interest links back to how these topics could be advanced by Artificial Intelligence; something I am interested in pursuing myself in the future.

I currently have 4 personal projects I am working on; my website, a PWA which I have built over the last 6 months to learn about the tech and build up my back-end skills; a personalised Chatbot, based on GPT-4, that can navigate my website, extract information and present it to the user; an automated trading algorithm for cryptocurrency, more for fun and learning about API's than an actual business plan; and a project to upgrade my 3D printer to increase the resolution it can produce.

Thanks to my time at the bike shop, I have developed an intuitive sense of mechanical engineering, including the basics of gear ratios and a few manufacturing techniques, as well as a knowledge of electrical motors and battery systems.

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Work Experience

March 2021 to Present

Kudos Software LTD

AI Development and Integration / Software Support

- Split between; development of internal apps, such as a Wiki, a file manager and a VM access manager; and talking to clients about support requests
- Currently building an AI assistant for our customers to enable them to generate custom reports based on their sales data.

March 2019 to February 2022

Partridge Cycles

Technician / Sales Assistant

- Responsible for looking after customers and giving advice on the best purchases, as well as maintaining stock, manning the till and performing basic maintenance work

July 2016 - September 2018

The Headland Hotel

Bar Tender / Waiter

- Responsible for looking after the bar and lounge area and providing food and beverages
- When needed, also responsible for filling in for other roles, including; waiter, porter, receptionist, IT repairs, restocking, maintenance, housekeeping and sous chef

Summer 2015

Bishop Fleming LLP

IT Internship

- Completed a 7-week internship with Bishop Fleming working within their IT department.
- Responsible for answering and responding to 1st line IT Support queries from users.

March 2015 – July 2016

Trago Mills

Cashier

- Responsible for stocking shelves, looking after costumers and helping with checkout.

Summer 2014

Teignbridge District Council

IT Department

- Completed School Work Experience within the IT Department of Teignbridge District Council. Helped to develop communication and interpersonal skills.

Interests and Additional Information

- In my spare time I enjoy climbing, mountain biking and learning about whatever interests me by watching documentaries and educational videos
- While at University I was on the committee of the Climbing Society, Mountain Biking Society and was treasurer for the Crypto-Currency society
- I have completed the Ten Tors challenge 3 times of which I was team leader for one event which has enhanced my leadership skills
- In July 2016 I went to live in the jungles of Borneo for a month, self-funded, to assist with conservation and community work with Camps International. I found the experience invaluable in broadening my capacity for empathy and understanding of cultures
- I have begun a free solo sky diving course which I may complete in the next few years. I am also a qualified paddy deep-water scuba diver
- I have a full UK drivers' licence and a car so am able to travel
- I have great interest in learning new languages, and currently speak very basic Japanese, French, and have basic grammar in German, Spanish and Latin
- I have great interest in current social and climate issues and consider myself a keen environmentalist

Reference available on request