KARTHIGAN SABANADESAN

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PERSONAL PROFILE

A recent graduate, I have technical and knowledge from my course as well as practical knowledge from my work as a shop worker. I have used a range of programming languages throughout my education, in order to process data, which was required for many assessed projects. I used resources like MATLAB and LAPACKE to perform matrix algebra and calculations. My experiences in retail made me think on me feet and be able to react competently to unfamiliar and unpredictable situations.

WORK HISTORY

6/6/2019 – PRESENT

SHOP WORKER, CAPE STORES

I was a worker at Cape Stores for 3 years now, during which I managed the shop on my own. This required me to be organised in order to keep track of spending tabs, manage the collection of parcels, and organise deliveries of newspapers. Ran the business whilst the owners were away on holiday.

SUMMER TERM 2017

WORK EXPERIENCE, WARWICK INDEPENDENT SCHOOLS FOUNDATION

One week of work experience. During this, I time spent working in many different departments, including accounting and HR. I wanted to get a broad experience.

EDUCATION

2019-2022

MATHEMATICS AND PHYSICS BSC, UNIVERSITY OF WARWICK

Bachelor of Science (with Honours) — Second Class, Lower Division
Coursework includes programming in C language and Python.
Favourite modules: Mathematics of machine learning and Scientific computing.

2012-2019

GCSE AND A-LEVEL, WARWICK SCHOOL

A-LEVEL
- MATHEMATICS – A*
- FURTHER MATHEMATICS – A
- CHEMISTRY – A
- PHYSICS – A

GCSE
- MATHEMATICS – A*
- BIOLOGY – A*
- CHEMISTRY – A*
- PHYSICS – A*

- ENGLISH – A*
- COMPUTING – A
- DESIGN AND TECHNOLOGY – A
- HISTORY – A
- ADDITIONAL MATHS FSMQ – A
- ENGLISH LANGUAGE – B
- GERMAN – B

SKILLS

- I am a strong independent worker, as I worked for 8 hours at a time on my own in the shop.
- I have strong mathematical ability, as demonstrated by my grades in Maths subjects.
- I have strong proficiency in coding. I taught myself python when I was younger. I also taught myself to code in Matlab to process data relating to experiments in science. I own a licence to practice in my spare time.
- Have experience using iOS, Android, Windows, MacOS and Linux.

- I can work in stressful environments, as I worked during the pandemic, and had to deal with troublesome customers.
- I can work as part of a group, as I did during many group projects during my studies.
- I have used C programming language in university courses and I am able to process data as matrices, using arrays to obtain results.
- Learned SQL to use databases more effectively and am currently creating Data portfolios. Available on my GitHub.

ACTIVITIES

My hobbies include painting miniature and playing video games. I often paint miniature to relax after stressful day, and play online video games to keep in touch with friends in other countries. I exercise daily using a rowing machine.