Daniel Wilcox

Gap Year Student

Enthusiastic gap year student, applying for computer science at university, seeking work experience to develop established skills and gain valuable real-world exposure. Hardworking, and willing to assist in any way possible. Available full-time or part-time.

LinkedIn
http://www.linkedin.com/in/daniel-wilcox-24902

Github
https://github.com/DWilcox02

Work History

2021-01 - Current

Mathematics Tutor

Self-Employed, Cobham, Surrey
- Mathematics tutor for students aged 14-17
- Evidence of progress, with student grades improving significantly over the past few months
- Learned fantastic communication and organisational skills, as necessary for self-employed/freelance work

2020-09 - Current

Assistant Scoutmaster

BSA Troop 184, Cobham, Surrey
- Volunteer leadership position in American Scouting Troop 184 with around 20 scouts
- Position established after 7 years of scouting in the troop, after which I was invited to stay as an Assistant Scoutmaster
- Regularly help run scouting events, including camping, hiking, backpacking, and other outdoor activities
- Involves working with teams of other scoutmasters and requires lots of planning ahead and being pro-active

2019-07 - 2019-08

Summer Camp Counsellor

Masquebec Hill, Bristol, New Hampshire, USA
- Helped organise and run summer camp for boys aged 10-16. Sessions lasted 3 weeks, full-time and overnight, throughout July and August
- Took lifeguard training, first aid training, and learned to work productively with other counsellors and

Contact

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Skills

Python
● ● ● ● ○
Very Good

Calculus
● ● ● ○ ○
Good

Java
● ● ● ○ ○
Good

Arduino Programming
● ● ○ ○ ○
Average

First Aid/CPR
● ● ● ● ○
Very Good

Mandarin Chinese
● ● ● ○ ○
Good

members of staff in an active environment

Education

**2009-08 -
2021-05**

ACS Cobham International School - Cobham, Surrey

Academics – Advanced Placement Program
Scores range from 1 (lowest) to 5 (highest)
- Computer Science A: **5** (with award)
- Calculus AB & BC: **5**
- Physics: **5**
- Chemistry: **5** (with award)
- Microeconomics: **5** (with award)
- Macroeconomics: **5**
- European History: **4**
- English Language: **4**

Activities and Societies
- STEM Club (President 2020-2021), Math Team, Scouts BSA, Jazz Band

Accomplishments

- **Team Leader** for a STEM Competition, the **"4x4 in Schools Land Rover Competition"**, where we won the **1st place prize** at the London & Southeast regional finals
- Achieved the rank of **Eagle Scout**, the highest award in American Scouting, at Troop 184 based in Cobham, Surrey
- Member of the ACS Cobham **National Honour Society**, achieved through outstanding academic record and diligent work ethic

Interests

My primary interests are programming and maths. Projects I've done include cryptocurrency data web-scraping, data analysis and graphing, and Arduino-to-OpenGL interfaces. All projects (and source code) available for viewing on my Github page.

Music: Clarinet (Grade 8), Piano

Sports: Rock climbing, Snowboarding, Backpacking

Other: Cooking, Reading, Houseplants