

# 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 experience. Hardworking, and willing to assist in any way possible. Available full-time, for any timeframe between 1 week and 3 months.

## 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 proactive

**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 members of staff in an active environment

## Contact

### Address

Cobham, Surrey, KT11

### Phone

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### E-mail

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### LinkedIn

[www.linkedin.com/in/daniel-wilcox-24902](https://www.linkedin.com/in/daniel-wilcox-24902)

### Github

[www.github.com/DWilcox02](https://www.github.com/DWilcox02)

## Skills

Python



Very Good

Calculus



Good

Java



Good

Arduino Programming



Average

# 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

First Aid/CPR



Very Good

Mandarin Chinese



Good

Microsoft Office Suite



Average

# 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: [www.github.com/DWilcox02](https://www.github.com/DWilcox02)

**Music:** Clarinet (Grade 8), Piano

**Sports:** Rock climbing, Snowboarding, Backpacking

**Other:** Cooking, Reading, Houseplants