

# JAMES MCCORKINDALE

## CONTACT

 Milngavie, Glasgow, G62 6DX

 07482 561740

 jamesmccorkindale0@gmail.com

## Skills

- Great overall tutor and role-model
- Great communication skills
- Very quick learner
- Great problem-solving skills
- Strong leader
- Very determined
- Extremely intuitive

## CERTIFICATIONS

- ABRSM Grade 8 Guitar
- ABRSM Grade 6 Trombone
- ABRSM Grade 5 Theory
- 2 Time winner of Glasgow Music Festival (Guitar Solos - Open)
- 2nd Kyu (Karate)

I am currently in my first year, studying computer science, at the University of St Andrews, studying modules in Computing Science and Maths. I have a love for Computer Science and writing software. I am most familiar with C++, Python and the four web-designing languages (HTML, CSS, JavaScript, PHP). I have worked on many different projects, of all varying sizes, ranging from web and desktop applications to setting up a webserver (with a private cloud), hosted on my Raspberry Pi.

## EXPERIENCE

Current

### Project Experience

- Vectorex: Created and maintain a platform for scientific design tools, includes integrated payment processing with Stripe, to accept payments for our products – <https://vectorex.net>
- Synthesis: Designed and developed a web app for drawing full structural formula, chemical reactions, and chemical mechanisms – <https://vectorex.net/synthesis>
- Pseudo: Designed and developed a web app for creating and editing pseudo code – <https://vectorex.net/apps/pseudo>
- Other: Created a variety of less notable projects ranging from web scrapers to a JavaScript library for a Multiple Document Interface – <http://jamesmccorkindale.co.uk/projects.php>

June 2018 to Current

### Maths and Music Tutoring *Self-Employed*

- Created tailored lessons and lesson plans to meet the needs of each student.
- Created structures to ensure homework, progress and goals were maintained by all my pupils.
- Lessons delivered face to face as well as over online video call.
- Tutored Maths up to SQA Higher level.
- Delivered classical guitar lessons to absolute beginners to a standard of ABRSM Grade 8, in 4 years.
- Delivered music theory lessons to a standard of ABRSM grade 5.
- Tutored music up to SQA Higher level.

August 2021 – June 2022

### Voluntary Work - Computing Club and Silver Surfers *Douglas Academy, Glasgow, East Dunbartonshire*

- Creating informative videos about basic technology targeted at the older generation who need help.
- Helping young pupils (13-14 y/o) at a computer science club develop their coding and IT skills.

## EDUCATION

2022

**SQA Advanced Higher (A Grade) Maths**  
*Douglas Academy, East Dunbartonshire*

**SQA Advanced Higher (A Grade) Chemistry**  
*Douglas Academy, East Dunbartonshire*

**SQA Higher (A Grade) Physics**  
*Douglas Academy, East Dunbartonshire*

2021

**TMUA (6.8)**  
*Cambridge Assessment Admissions Tests, Cambridge, CAM*

**SQA Advanced Higher (A Grade) Music**  
*Douglas Academy, East Dunbartonshire*

**SQA Higher (A Grade) Computing Science**  
*Douglas Academy, East Dunbartonshire*

**SQA Higher (A Grade) Maths**  
*Douglas Academy, East Dunbartonshire*

**SQA Higher (A Grade) Chemistry**  
*Douglas Academy, East Dunbartonshire*

**SQA Higher (A Grade) English**  
*Douglas Academy, East Dunbartonshire*