

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 – <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