MICHAEL KALAYDJIYSKI

CONTACT INFORMATION



🕻 - Michael.klksi@gmail.com



⁽¹⁾ - +44 774313921

Profile and Experience:

- Programming Languages and tools:
 - o Python including Tkinter: Python interface to the TcI/Tk GUI toolkit, Idle tool
 - SQL (queries, insert and retrieve data from Python)
 - Java (Android) and Android Studio, JavaScript(Velo, Wix)
 - Wix Velo API for Web site development
 - o GitHub, MS Access under MS Windows 10
 - o Basic C# GUI with working Buttons, Forms and Interface (MS Visual Studio)
- Computer projects and programs created and run successfully:
 - Python programming as part of Work Experience project:
 - Project Reaction time measurement: Full Software life cycle (SDLC): From User Requirements to passing acceptance tests
 - Project planning, Software design, coding, debugging.
 - > Can demonstrate web app, website, and mobile app software.
 - Reaction Time Measurement Game: Created a simple MS Access DB and ran a GUI program using pyodbc and Tkinter to insert and retrieve DB data supplied by user through their react time and age group type through a Tkinter list box.
 - o Python programming as part of Official exam project at Cirencester College
 - Passed First exam: Passed Official test for certificate: Digital Production, Design and Development at Cirencester College Merit
 - Completed Second exam: Occupational Specialist Project: Full Software life cycle (SDLC): From User Requirements to passing acceptance tests. Waiting for results.
 - Python programming experience as part of current Digital T level course created successfully 3 working games using python:
 - "Noughts and Crosses"
 - "Battleships"
 - "Haunted house" (using object orientation in Python: classes and methods)
 - Solved problems related to:
 - > SQL commands from Python and Tkinter
 - > Using an efficient separate thread for left click handling in Python under MS Windows
 - Using an efficient onTouch listener in Java Android
 - Switching between on-screen images in Java Android on different user-driven events
- Good communication skills to discuss problems and solutions with other team members.
- **Software Dev and Testing methodologies**: Agile iterative, Test-driven development, Test methods: black and white box, stress, integration, boundary conditions etc.
- PYODBC/Database work:
 - Successfully connected python code to a Microsoft ACCESS database
 - o Made a Database Front end
 - Made a python Front End
 - o Basic Normalisation Skills
- Augmented Reality:
 - Presented AR Digital strategy proposal to Corinium Museum, Cirencester.

- Provided system design options in a presentation, that includes applications in stores, coffee shops, museums (as part of course work)
- MS Windows 11: Prepared assessment, pros and cons for rolling out in the Cirencester college
- Computer security: Technical and non-technical threats: Trojan, DDOS, phishing etc
- Presentations on IT Security, Hardware redundancy methods, Data protection.
- Computer Legislation laws: Copyrights and Data Protection acts (GDPR)

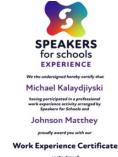
Previous Work placements / Work Experiences

1 week work Virtual Work experience placement at Johnson Matthey

Topics Covered:

- Hydrogen Powered Fuel Cells
- Combating climate change Using technology
- Jobs involving STEM Subjects
- Career Spotlights
- Group Problem Solving Activities
- Ted Talks + Q and A's About Johnson Matthey
- Virtual site tours

Certificate for Attendance



17th Jul 2021



EDUCATION

Royal Wootton Bassett Academy - SN4 7HG

GCSE's:

Subject	Grade
English	5
Math's	5
Science	5,5
Engineering	L2 Merit (incl. product design and manufacturing)
Geography	5
Business	4

Graduated and Completed course at Cirencester College:

Course - 3A level equivalent T level

- Digital Production, Design and Development (Software and App Design) T-level (Level 3) qualification)
- Grade Merit
- I have a digital copy of my exam results that I can provide as proof (contact me via email).

My Skills:

- Good communication, Teamwork
- Numeracy, Literacy, and IT Skills
- Problem Solving
- Able To Analyse Information
- Hardworking
- Confidence, Good Work Ethics

Languages

- English, fluent
- Bulgarian, fluent

Hobbies

- Software Game Development (Python)
- Gaming(Casual)
- Watching / Playing Basketball
- Swimming in the past (medals in local competitions)

References

SIMON.JONES@CIRENCESTER.AC.UK timothy.hodges@cirencester.ac.uk