JOHN ALEXANDRE MURRAY

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Passionate, heavily driven, and securely living in Austria with half a decade's worth of industrial analysis and testing. Always ready to meet the company's needs, business plans and learn new things.

SKILLS

- Programming Languages: C++, Python, SQL, JavaScript, HTML5, CSS3
- Technologies: GitBash, Pygame, Pandas, Numpy, Matplotlib, Jupyter, Azure, Jupyter
- Team Player, Strong Communicator, Effective Problem Solver, Fantastic Time Management, Heavily Driven
- Laboratory Testing: FTIR/NMR, ICP, Acid/Base Titration, Karl Fischer, Bacteria Culture, Gas Chromatography
- English (Native), German (A2), Chinese - Mandarin (B2), Spanish (A2)

RECENT WORK EXPERIENCE AND CURRENT / PAST PROJECTS

Projects:
2D Platformer Game - Created a 2-dimensional platformer game in pygame with multiple levels. Implemented a Level editor to create new and/or edit existing game levels.
Book Management System – Created a book management system in C++, designed to keep track of general information about a book within an inventory space you create.

Chemical Analyst
Bureau Veritas | 2021 - Present
Gas Chromatography and Reformulyzer Specialist

- Interpretation of graphical analyses from Chemstation/Gas Excellence software to provide numerical insight for R&D on valuable petroleum gas and liquid production, as well as report data.
- Troubleshoot and solve on-site data handling issues.
- Development and augmentation of software methods in accordance with test SOP.
- Software import and export file management.

Laboratory Technician

ALS: Tribology | April 2017 – July 2020

Petroleum product analysis laboratory technician

- Operation and maintenance of FTIR and Automatic titrimetric titration instruments.
- Provides clients with reports on their requested test samples with an average two-day turnaround time.
- Manage multiple Microsoft Excel files to support data transfer into the SAM program database.
- Shift Chemical Safety Advisor for the building's JHEC meetings.

EDUCATION

Southern New Hampshire University
BSc in Environmental Science w/concentration in Geospatial Information Systems