
JOHN ALEXANDRE MURRAY

Klosterneuburg, 3400 Lower Austria | Austria

+43 /0 (677) 6422 - 6157 | email: john_murray13@outlook.com, additional links: [J. Alexandre Murray, BSc | LinkedIn](#) | [Website Portfolio](#)

Experienced technical writer with a strong background in technology and scientific industries and a successful track record as a freelance technical writer. Proven ability to distill complex scientific or technological concepts into clear and concise documentation for diverse audiences. Skilled in collaborating with subject matter experts and managing multiple projects, showcasing excellent organizational and time-management capabilities. Versatile in various writing styles, from manuals to scientific articles, with a commitment to delivering high-quality content. Seeking an opportunity to contribute expertise to a dynamic team, enhancing comprehension, and user experience in the technical and scientific domains.

SKILLS

- ❖ Team Player, Strong Communicator, Effective Problem Solver, Excellent Time Management, Heavily Driven
 - ❖ M3 | M4 Reformulyzer, GC, GC-MS, HPLC, FTIR/NMR Spectroscopy, Python, Javascript, C#, C++, Windows
 - ❖ English (Native-C2), German (B1), Chinese - Mandarin Simplified (B2), Spanish (A2)
-

MOST RECENT WORK EXPERIENCE

Technical Writer (Freelance)

Contentoo | Remote | January 2024 - Present

Freelance Copywriter

- ❖ Collaborate with scientists and researchers to gather information on laboratory techniques and methods to translate technical specifications into user-friendly documentation
- ❖ Collaborated with Subject Matter Experts (SMEs) to gather technical information and ensure accuracy of content
- ❖ Developed and maintained a style guide for all technical documentation to ensure consistency and clarity in communication

Software Engineer in Test (SDET/SET)

Cyara – Botium | Vienna, AT | January 2023 - August 2023

Software Developer Engineer in Test

- ❖ Worked on and developed both manual and automated software testing projects for a web application.
- ❖ Ensured the quality of bug fixes, features (both new and old), defect identification and reporting.
- ❖ Undertook regression, acceptance, integration, and performance testing.

Chemical Analyst

Bureau Veritas | Schwechat - OMV, AT | April 2021 - December 2022

Gas Chromatography, HPLC and Reformulyzer Specialist

- ❖ Interpret graphical analyses from chemstation software data to provide numerical insight for R&D on valuable petroleum gas and liquid production, as well as report data.
- ❖ Improved Reformulyzer precision testing M4 to respond within 0.002 of actual (99.998% accuracy)
- ❖ Petroleum gas and liquid testing through GC/GC-MS/Reformulyzer/HPLC instrumentation.
- ❖ Troubleshoot and solve on-site data handling issues
- ❖ Standards of procedure (SOP) documentation development
- ❖ Development and augmentation of software methods in accordance with test SOP.

- ❖ Software import and export file management - enhanced workflow with Python scripts.

Laboratory Technician Analyst

ALS Tribology | Cleveland, Ohio, USA | April 2017 - July 2020

FTIR/IR Spectroscopy Specialist

- ❖ Run and test petroleum fuels, coolants, oils and gasolines for various clients as well as record/track/trace samples through SAM program and Microsoft suite
- ❖ Operation and maintenance of FTIR and Automatic titrimetric titration instruments
- ❖ Provide clients with reports on their requested test samples with an average two day turnaround time.
- ❖ Used analytical separation and measurement methods
- ❖ Regular handling of multiple volatile chemicals and test samples and synthesized solvents including but not limited to: Chloroform, toluene, isopropyl alcohol, hydrochloric acid, potassium hydroxide.
- ❖ Expert of FTIR/IR/NMR spectroscopy graphical analysis, Base and Acid number titrations, Karl Fischer, ICP, Viscosity testing

EDUCATION

Southern New Hampshire University

BSc diploma in Environmental Science w/concentration in Geospatial Information Systems (GIS)

University of Akron

Education in Analytical Chemistry, Biology, Ecology and Biochemistry as a declared Chemistry Major with Biology Minor