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## JOHN ALEXANDRE MURRAY

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Passionate and result driven Software (Developer) Engineer in Test, securely living in Austria, with a strong background in Agile Scrum methodologies, software testing and software programming, seeking new opportunities and always ready to meet the company's needs and drive business success. Experienced in designing robust test strategies, developing new test cases, with a keen eye for bug hunting to bridge the gap between software testing and software development.

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### SKILLS

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- Languages: Python, JavaScript, HTML, C++ (hobby), C# (hobby)
  - Tools: Jira, Jenkins, Cypress, Botium, Git, VSCode, Chaos Monkey
  - Nodejs - stack, Test Automation Development, Linux, Chatbots, Conversational AI
  - Team Player, Strong Communicator, Effective Problem Solver, Fantastic Time Management, Heavily Driven
  - English (Native), German (A2), Chinese - Mandarin (B1), Spanish (A2)
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### RECENT WORK EXPERIENCE AND CURRENT / PAST PROJECTS

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#### 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.

[Website Portfolio](#) – Refactored a website portfolio design template with HTML5, CSS3 and JS into my own project to host other projects hosted through GitHub Pages.

#### Software Engineer in Test (SDET/SET)

**Cyara – Botium | January 2023 - Present**

Software Engineer in Test

- Work on developing both manual and automated software testing projects
- Ensure the quality of bug fixes and new features and defect identification
- Prepare test data, test cases and test plans
- Review and analyze user stories, epics and requirements
- Identify opportunities to improve and surface risks for deliverables
- Undertake regression, acceptance, integration and performance testing

#### Chemical Analyst

**Bureau Veritas | April 2021 - December 2022**

Gas Chromatography and Reformulyzer Specialist

- Interpret graphical analyses from chemstation 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.
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### EDUCATION

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#### Southern New Hampshire University

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