Matteo Gisondi

Resume

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Driven, resourceful and results-oriented Software Engineering graduate with a passion for coding and a strong foundation in DevOps. Aptitude for problem-solving and a passion for innovation. Seeking a challenging position in a dynamic environment where I can contribute my skills, and learn from experienced professionals and where I can leverage my technical and interpersonal skills to contribute to the success of the organization.

Skills and Qualifications

Programming Languages: Strong proficiency in Python, C#, Java, TypeScript, HTML/CSS

Operating Systems: Solid sysadmin foundations - Linux (RedHat, Fedora, Ubuntu, Arch, Debian), Windows

Deployment: Cloud (Azure, DataBricks, AWS, GCP), Docker, Kubernetes, GitLab CI/CD, GitHub, Terraform, Azure DevOps, Virtual Machines

Frameworks: Experience with modern frameworks - Blazor, Avalonia, Django, Flask, React, Vue

Databases: Solid understanding of relational databases - MySQL, PostgreSQL, SQLite, GraphQL

Languages: English, French; Conversational Italian & Spanish

Education

2019–2023 **Bachelor of Engineering – Computer Software Engineering Co-op**, *Concordia University*, Montreal, QC Canada

- Member of the Institute for Co-operative Education, gaining hands-on experience through multiple co-op work terms.
- Completed relevant courses in Information Systems Security, Data Communications & Computer Network, Databases, among others.

2023 **Capstone Software Engineering Design Project: ChessBoom**

- Played a pivotal role in a year-long project to build a .NET Application using the Avalonia Framework, a modern UI toolkit for cross-platform applications.
- Made critical backend and frontend design decisions, and successfully deployed the application with Docker while following best design practices.

2017–2019 **DEC in Pure and Applied Science**, *Marianopolis College*, Montreal, QC Canada

Employment

2022–Current **Data Science Intern**, *Shared Services Canada*, Montreal, QC Canada

Kubernetes
- Deployed experimental Kubernetes Clusters to leverage KubeFlow, Onyxia, and KubeVirt, automating the deployment process with Terraform.
- Produced documentation for reproducibility and ease-of-access, ensuring smooth and efficient workflows.

DataHub Portal
- Made contributions to the DataHub Portal, a .NET Blazor project, gaining hands-on experience in C# and .NET development through on-the-job experience.
- Demonstrated a self-starter mentality with a rapid learning curve, taking initiative and delivering results.

Summer 2021 Winter 2021	**Cyber Security Intern**, *Royal Canadian Mounted Police – Div C*, Montreal, QC Canada, Internship

Python Project
- Developed a Python project utilizing Docker for efficient and scalable deployment.
- Interfaced with various Rest APIs and custom developed Rest API wrapper, demonstrating expertise in API integration.
- Additional details available upon request, showcasing a strong understanding of confidentiality and security protocols.

Fall 2020   **QA Software Testing Intern**, *Nuance*, Montreal, QC Canada, Internship

Confluence-qTest Integration
- Developed a Python interface for qTest REST API to retrieve test run data for all Analytics projects, demonstrating expertise in API integration.
- Utilized Confluence API to upload collected data to a central page, effectively centralizing application data in Confluence pages for improved collaboration and visibility.

JFrog Xray Security Violations Automation
- Created a series of Gitlab CI/CD templates to automate the process of uploading Xray violation data as a Jira ticket within the Gitlab CI/CD pipeline, improving security incident response time.
- Made contributions to the Python Xray Client Project, simplifying the developer workflow and enhancing team productivity.

Summer 2019   **Software Intern**, *Dorel Home Products*, Montreal, QC Canada, Internship

Item Replenishment Flagger
- Developed a Python-based tool for the Replacement Parts Department to automate the process of determining which items needed to be restocked, reducing labor hours from several days to a few minutes.
- The tool utilized automated forecasting algorithms to determine the optimal replenishment quantities for thousands of stock items, improving inventory management efficiency.

Web Scraper
- Created an Octoparse project to scrape Dorel's posted products on Wayfair's website, collecting product listings and customer review data.
- This allowed for more accurate and complete data for market research and analysis, replacing unreliable third-party data.

Data Management Project
- Implemented partial automation of keyboard inputs using AutoHotKey to streamline the process of mass data cleansing for thousands of obsolete and discontinued items.
- Contributed to the development of pricing and profitability strategies by increasing the reliability and accuracy of sales data for active items, enabling more informed decision-making.

Projects

2018   **Marihacks**, *Marianopolis College*, Montreal, QC Canada

- 1st place winner in a 24-hour hackathon project entitled "TL;DL" (Too Long; Didn't Listen).
- Developed a speech-to-text summarizer application using Python and PyQt5.
- Led the team in creating a modified machine learning model that utilized external libraries to transcribe audio files or live recordings and generate summaries.

Interests and Extra-Curricular Activity

Passions

Homelab: Setting up and configuring home-based computer systems for learning and experimentation.
Chess: Enthusiastic player and learner of the strategic game of chess.
Scripting: Developing scripts and automations for various tasks, with projects available on GitHub and my Portfolio.
Computer Hardware: Deep interest and knowledge in computer hardware components and technologies.

Travel

Passionate about exploring diverse cultures and experiencing new destinations through travel:
Japan, Thailand, Italy, Spain, Croatia, France, Canada, United States, Caribbean, Mexico