MATTEO GISONDI

Software Engineer
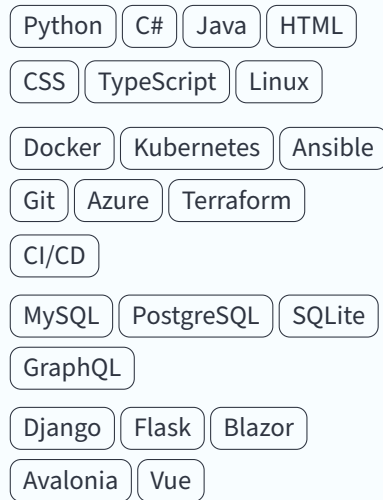
@ matteo.gisondi@gmail.com   Montreal, Canada   matteo-gisondi   MatteoGisondi
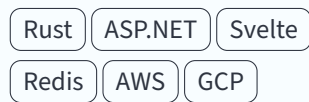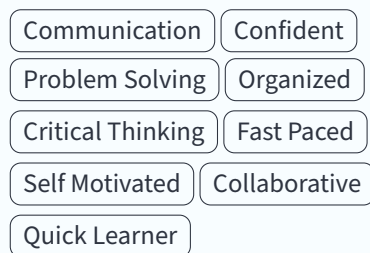
TECH STACK

Python   C#   Java   HTML   CSS   TypeScript   Linux   Docker   Kubernetes   Ansible   Git   Azure   Terraform   CI/CD   MySQL   PostgreSQL   SQLite   GraphQL   Django   Flask   Blazor   Avalonia   Vue

LEARNING

Rust   ASP.NET   Svelte   Redis   AWS   GCP

SOFT SKILLS

Communication   Confident   Problem Solving   Organized   Critical Thinking   Fast Paced   Self Motivated   Collaborative   Quick Learner

LANGUAGES

English: Native

French: Professional

Italian: Conversational

Spanish: Conversational

ABOUT ME

Driven, resourceful and results-oriented Software Engineer with 3 years of experience. 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 apply my knowledge and leverage my technical and interpersonal skills to contribute to the organization.

EXPERIENCE

Software Engineer (Co-op + Contract) @ Shared Services Canada

📅 05/2022–current   📍 Remote (Canada)

- Contributed to the success of the Datahub platform by writing high-quality, enterprise-grade C# code for a Blazor codebase.
- Showcased the capabilities of the Datahub platform by designing and implementing state-of-the-art machine learning algorithms in Azure Databricks.
- Improved internal tool consumption by deploying Kubernetes clusters for novel tools such as Tailscale, Kubeflow, and KubeVirt using Infrastructure as Code.
- Demonstrated proficiency in cloud computing, DevOps practices, and containerization technologies.

Cyber Security Engineer (Co-op + Contract) @ Royal Canadian Mounted Police

📅 05/2021–12/2021   📍 Montreal, QC

- Deployed a scalable Python project using Docker, resulting in efficient deployment and improved performance.
- Interfaced with various Rest APIs and developed a custom Rest API wrapper, demonstrating expertise in API integration and creation.
- Maintained strict confidentiality and security protocols, with additional details available upon request.

QA Engineer (Co-op) @ Nuance Communications

📅 09/2021–12/2021   📍 Remote (Canada)

- Created 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.
- Enhanced team productivity and simplified the developer workflow by contributing to the Python Xray Client Project.
- Developed a Python interface for qTest REST API, retrieving test run data for all Analytics projects and improving data analysis, demonstrating expertise in API integration.
- Centralized application data in Confluence pages by uploading collected data using Confluence API, resulting in improved collaboration and visibility.

Software Developer (Contract) @ Dorel Home Products

📅 05/2019–09/2019   📍 Montreal, QC

- 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.
- Utilized automated forecasting algorithms to determine the optimal replenishment quantities for thousands of stock items, improving inventory management efficiency.
- Collected product listings and customer review data by creating an Octoparse project to scrape posted products on Wayfair, allowing for more accurate and complete market research and analysis.
- Streamlined data cleansing for obsolete items by partially automating keyboard inputs using AutoHotKey, demonstrating out-of-the-box thinking.

EDUCATION

Bachelor of Engineering in Software Engineering (Co-op) @ Concordia University

📅 2019–2023   📍 Montreal, Canada

- GPA: 3.4

Diploma of College Studies in Pure and Applied Science @ Marianopolis College

📅 2017–2019   📍 Montreal, Canada

- R-Score: 32.3

PROJECTS

Home Server ◯

📅 ongoing

- Set up and self-hosted a Home Server, demonstrating expertise in server management, infrastructure design, and cloud computing.
- Configured a VPN for external access, ensuring secure and reliable remote access to the Home Server.
- Deployed personal services such as Nextcloud, Jellyfin, and Bitwarden using Docker, showcasing proficiency in containerization and virtualization technologies.
- Utilized Traefik as a reverse proxy, demonstrating expertise in networking and web services management.

Capstone Project: Chess Boom ◯

📅 09/2022–04/2023

- Showcased comprehensive skills in application development, infrastructure design, and project management as part of a Capstone project during my Software Engineering undergraduate studies.
- Contributed to the innovative Chess Boom Application, a platform for analyzing downloaded chess games and supporting multiple variants, utilizing cutting-edge .NET framework Avalonia.
- Demonstrated ability to leverage external resources and integrate third-party libraries like Stockfish and Fairy-Stockfish for advanced functionalities, and integrated with lichess.org.
- Led the design of the project's robust and scalable infrastructure as the sole deployment contributor, ensuring high performance and reliability.

INTERESTS

- Homelab: Experienced in setting up and configuring home-based computer systems for learning and experimentation, with a focus on virtualization and networking technologies.
- Chess: Enthusiastic player and learner of the strategic game of chess, with a Lichess rating of 1700.
- Scripting: Proficient in developing scripts and automations for various tasks using languages such as Python and Bash, with projects available on GitHub and my Portfolio.
- Computer Hardware: Deep interest and knowledge in computer hardware components and technologies, including CPUs, GPUs, storage devices, and motherboards.