

Philippe Geukers

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SUMMARY

I just graduated with my bachelor's degree in software engineering from the École de technologie supérieure in September 2023. I am now seeking a full-time position in the industry to apply my knowledge and skills to real-world problems. With my solid academic foundation and experience in a variety of full-stack roles, I am confident that I can bring value to your team. I look forward to meeting you.

RELEVANT SKILLS

Programming Languages: Golang, JavaScript, Java, Python, SQL, MongoDB, C++, HTML, CSS

Frameworks and Libraries: React.JS, Angular, Spring, Node.JS, Android

Other Tools and Technologies: Linux, Git, Jenkins

PROFESSIONAL EXPERIENCE

UBISOFT

Montreal, QC

Information Technology Developer

May 2022 - September 2022

- Saved the equivalent energy of 80 homes by configuring idling servers to automatically shut down using **Python**.
- Built a new feature to display server statuses through time using **Golang**, **React**, and **MongoDB**.
- Developed a full stack app to track parts returned to the manufacturer as part of a department-wide hackathon leading to third place.
- Implemented **JWT** authentication to secure **Rest** APIs using **Hashicorp Vault**.

LOCKHEED MARTIN

Montreal, QC

Software Engineering Intern

May 2021 - August 2021

- Modeled interfaces and operations for Information Systems such as the Lockheed Martin Combat Management System (CMS)
- Developed requirements and write reports that summarize the operation and readiness of information systems.
- Worked on the Systems Architecture team of the Canadian Surface Combatant, the next generation of Royal Canadian Navy frigates.

MORGAN STANLEY

Montreal, QC

Information Technology Analyst

January 2021 - May 2021

- Saved 100 hours a year for operations by developing, architecting, and building out a new application that automatically updates customer tax information based on their financial activity.
- Independently designed and implemented a full-stack application; back-end built in **Java**, **Spring Boot**, **Liquibase**, and **DB2**; front-end dashboard built out with **TypeScript** using **Angular**.
- Implemented a CI/CD pipeline using **Jenkins** that upon pull requests, tests the application, and deploys to the cloud.
- Presented my design, solution, and demo of the application to a company-wide audience culminating in interest from vice-presidents.

GTECHNA

Montreal, QC

Programmer Analyst

May 2021 - August 2021

- Designed and implemented a new feature on the company's **Android** platform that enables live notifications through **Rest** attracting the attention from sales given the market value of the component.
- Implemented Single Sign-on through **OAuth** allowing users to log in using **Azure** on the company's main application.
- Worked in a diverse **Agile** team to build out new features; created and tested **Rest APIs** leveraging **Spring Boot** to enable new native applications to interface with the company's pre-existing infrastructure.

EDUCATION

ÉCOLE DE TECHNOLOGIE SUPÉRIEURE (ETS)

Montreal, QC

Bachelor of engineering (B.Eng.), Software Engineering. GPA:3.72/4.3

2019 - 2023

Awards and honors:

Engineer+: Member of a university club for at least three years
Scholarship for excellence from the Ministry of Higher Education

TECHNICAL UNIVERSITY OF MUNICH (TUM)

Munich, Germany

Semester Abroad - #1 University in Germany (Times Higher Education)

October 2022 - March 2023

CHAMPLAIN COLLEGE

St-Lambert, QC

Technical Degree (DEC), Computer Science. Average: 85/100

2016 - 2019

PROJECTS AND LEADERSHIP

AlgoETS: Co-founded and was president of AlgoETS, a university club that builds bots and algorithms to optimize investments.

Captain of the Champlain Cavaliers Volleyball Team: Led the Champlain Cavaliers college volleyball team as the captain for the 2018-19 season ultimately resulting in a 5th place for the college in the 2nd Division Quebec regional championship.

Protogest: Capstone project for my bachelor's degree in software engineering, this website developed for the McGill law department allows lawyers to schedule trials and negotiate contracts.

BullETS: Open-source Python library for backtesting algorithmic trading strategies.

Portfolio: Personal website to quickly showcase my skills. Built using HTML, JavaScript and CSS. Available at philippegeukers.com