





Beatrice Lopez

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[imbealopez](#) 

Experience

JUNE 2021 – August 2023

Software Developer/Imagia Canexia Health

- **Tools:** Python, Django, Docker, Kafka, Elasticsearch, Jira, Confluence
- **Collaborated** with stakeholders in gathering user and technical requirements. Regularly presented technical solutions and helped plan out development work by writing **user stories**.
- **Refactored** and **extracted** various responsibilities from **monolithic** service. **Analyzed** and **documented** unknown code and system behaviour while planning and designing.
- Worked closely with **NLP** team and **developed microservices** for data **de-identification** and **ontological search**. Included contributing and maintaining in-house **Python** core libraries.
- Worked with and helped build team **best practices** including writing good documentation, regular design and code **review**, **containerized** development, and **test-driven** development.

JUNE 2020 – JUNE 2021

AI Developer/Intact Financial Corporation

- **Tools:** Java, Spring Boot, GitLab, Docker, Kubernetes, Kafka, Kibana, Jira, Confluence
- **Integrated Kafka** into a **Spring Boot** application as part of a major **re-architecture** of the project as well as performed unit and integration tests; **developed a circuit breaker** for the application to monitor failure and protect from overloading.
- Regularly **refactored** and **optimized** various aspects of the application as well as aided in **production support** and **hot fixes**.
- **Worked** in an **Agile** environment regularly participating in **scrum** activities.

JANUARY 2020 – MAY 2020

AI Engineering Intern/Intact Financial Corporation

- **Tools:** Python, Flask, SQL, GitLab, Docker, Kubernetes, Kibana, Jira, Confluence
- **Developed a monitoring** application that queries an **Oracle** database, calculates KPIs, and displays results by **logging** using the **ELK stack** and building **Kibana** dashboards for **stakeholders**.

JULY 2018 – DECEMBER 2019

Web Database Application Developer (Full-Stack)/McGill University

- **Tools:** Python, Django, Solr, PostgreSQL
- **Developed** and maintained ORCH.A.R.D. – the Orchestration Analysis and Research Database – a web application built on **Django**, **Solr**, **PostgreSQL** stack for the Music Perception and Cognition Lab at McGill.

Projects

- **[imbealopez.github.io](#)**: a space to venture timidly into the world of front-end and document my coding journey thus far.

Education

SEPTEMBER 2015 – DECEMBER 2019

Bachelor of Science in Computer Science/McGill University