Personal Profile

Seasoned back-end web developer working on diverse projects and involved in the entire software development life-cycle using modern development tools. Interested in open source projects, software maintenance and data driven development.

Professional Experience

• CRIM https://crim.ca/ $Senior\ software\ developer$ 12-2018 05-2019

o Scala and Java 8: Migrated an authentication and authorization micro-service into a gateway API plugin

• Ecole Polytechnique de Montreal

Software developer & assistant researcher

https://www.neuro.polymtl.ca/ 09-2016 05-2018

- o Scientific Python: Lead the development and maintenance of the Spinal Cord Toolbox, an open source project at the NeuroImaging Research Lab
- Mentorship: Onboarded and supported students and research on development tasks
- Django: Developed an website and REST API to collect the meta-data of the lab's MRI dataset.

• Red Hat https://redhat.com/ Software developer 10-2013 10-2016

- o Openstack & Django: Upstream developer to the Openstack dashboard web application Horizon
- o CI / CD: Part of the team that developed CI / CD based on the Openstack tools and processes

• Evolio https://evolio.ca/ 09-2012 07-2013 Software developer

o Django: Part of the team to migrate a legacy web application written in a obsolete language to Python on the Django framework

• LeSite Inc. https://www.lesite.ca/ 12-2010 02-2012

Product owner & software developer

- o Django: Developed and maintained e-commerce solutions built with Python & Django
- **Product owner**: Coordinated a team of 4 developers in implementing and deploying e-commerce solutions.

• Phoenix Technology Games

Lead software developer

2008 2010

- o C++: Took over an abandoned client server application and updated outdated dependencies and made it ready for production.
- o Tools & processes: Setup the development environment to automate the compilation, testing and packaging of the client and server applications.

• 20-20 Technologies

https://www.2020 spaces.com

Software developer

2005 2008

- **Datalog**: Developed and maintained business rules modules that interacted with the CAD and the point of sales data.
- Clients: Requirement gathering from sales team to identify new features and improvements.

• TISEC Inc.

System administrator 1998 2005

EDUCATION

• Master's in Computer Science On hold

Concordia University

Semantic software maintenance

Concordia University

Software systems

• BSc in Computer Science 2002

AFFILIATIONS & EXTRA CURRICULAR WORK

• Workshop coordinator: Introduction to Python & Django

• Member: Montreal Python

• Member: Concordia's Engineering and Computer Science Alumni.