Samuel Lando

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EXPERIENCE

Senior Software Developer, Boeing (Jeppesen), *Montreal, Qc*   Oct 2023 – Present
- Worked on airline operations software for crew scheduling and tracking.
- Created an automated a flight ticket booking microservice, booking thousands of tickets a month.
- Taught courses on backend data interface development and the automated testing framework.

Software Developer, Telus Communications Inc., *Montreal, Qc*   Jan 2022 – Oct 2023
- Worked on internal quality of life tools for various teams. Including various automations, notification services and a full stack work prioretization and distribution tool.
- Supported front line team members through technical consultations as a Big Data Subject Matter Expert.

Software Developer, Telus Communications Inc., *Montreal, Qc*   Mar 2021 – Jan 2022
- Supported Google's top tier customers by consulting on their Big Data applications in the Cloud.

Full Stack Developer, Freelance Work, *Montreal, Qc*   2017 - 2020
- Created and maintained web applications for 3 local businesses across a few tech stacks.

EDUCATION

BSc in Mathematics and Computer Science, Concordia University, *2018 – 2020*   Montreal, Qc
- The joint major consisted of computer science core, with a focus on mathematics and applications of computing in mathematics.
- Graduated with distinction

DEC in Pure and Applied Sciences, John Abbott College, *2015 – 2017*   Montreal, Qc
- Focus on mathematics and statistics.

PROJECTS

- **Hackathons**
  - **StudySpotter** : McGill Code Jam 2019 (python, PHP)
    https://devpost.com/software/findspot
    - Winner in the AI category.
    - Created a web application that allows students to find the best study spots on campus.
    - Based on live wifi network data collected from a Raspberry Pi.
    - Modeled future data using ML.
    - Worked on the data pipeline and the backend API.
  - **HowAreYou** : ConuHx 2020 (react, javascript, python)
    https://devpost.com/software/howru
    - Created a web application that allows employers to monitor for signs of burnout in the workplace.
    - Employees can log in and anonymously answer questions about their work environment.
    - The managers can view the results in a dashboard.
    - Worked on the frontend and helped with the python backend API.

- **Personal Side Projects**
  - **HackLine** (svelte, python, typescript, html, css) 🐙 https://github.com/samuellando/hackline.git
    https://hackline.io
    - HackLine is an extensible and open time tracking tool with features designed for tech savvy power users.
    - Has a customizable UI and an easy to use API for integration and automation.

- Uses AnyREST with mongoDB as a backend, and 0Auth as an authentication provider.
○ **AnyREST** (python, flask, OAuth2) ⭘ https://github.com/samuellando/anyrest.git
    - AnyREST is a ready to deploy backend API that can be used to quickly build a web application.
    - By default, it accepts and stores any JSON data at any path.
    - It supports authentication with Oauth2 and api-keys.
    - It can be locked down and wrapped for more customization as the application grows.
    - Supports firebase and mongoDB as backend databases and has a mock database for unit testing.
    - Easy setup for future IO connectors.
○ **More projects and code on my Github**
  https://github.com/samuellando

Volunteering

Tutoring, Math and Chemistry, *2016 – 2020*   Montreal, Qc
Math Outreach, Contests and Workshops, *2018, 2019*   Montreal, Qc