

Oscar Mirontsuk

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EDUCATION

Concordia University

Bachelor of Engineering - Software Engineering

Montreal, Qc

Fall 2023 – Winter 2027

- Volunteered and participated at yearly hackathon @Hack
- Relevant Coursework: Data Structures and Algorithms, Computer Vision, Web Development

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, HTML/CSS

Technologies: Unix, Docker, Git, React, Node.js

PROJECTS

Student-Teacher Scheduling App | *Electron, React, Python, OR-Tools, SQLite*

- Developing cross-platform Electron desktop app for pairing student-teacher availabilities
- Built automatic weekly schedule generator using Google OR-Tools CP-SAT Solver
- Implemented a React UI with a Python backend
- Persisted schedules and user edits in SQLite

Home Lab Server | *Self-host, Docker, OAuth, Cloudflare*

- Containerized services (Nextcloud, Kasm Workspaces, Passbolt) with Docker
- Configured Passbolt using SMTP for email notifications and authentication
- Enabled GitHub OAuth for secure dashboard login
- Exposed services externally via Cloudflare Tunneling

FL Studio AKAI APC Key 25 Integration | *Python, MIDI Scripting, FL Studio*

- Developed a Python MIDI script to integrate the non-natively supported AKAI APC Key 25 with FL Studio
- Refined knob controls for smoother adjustments and retained knob positions

EXPERIENCE

Bestbuy

Product Process Specialist

October 2020 – Present

Montreal, QC

- Managed product flow through Receiving, Stocking, Shipping, Order Processing, and Replenishment
- Resolved inventory discrepancies using internal systems
- Demonstrated versatility by contributing to various departments throughout the store.

Entrepot L'Oréal

Floor Clerk/ Merchandising (Seasonal)

November 2019 – January 2020

Montreal, QC

- Maintained clean, well-stocked inventory, took on cashier duties during peak periods, and handled additional tasks to support store operations

Bluenose Collectibles

Sales Associate and Cashier

April 2019 – January 2020

Montreal, QC

- Advised customers, authenticated and restocked inventory, processed POS transactions, and maintained promotional displays

AVcom

Repair Technician

April 2018 – February 2019

Montreal, QC

- Repaired computers and phones, diagnosing and fixing hardware/software issues
- Provided professional on-site troubleshooting and client support