

# Hristo Sandev *Software Engineer/Developer*

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## 🎓 EDUCATION

### BSc Computer Science

McGill University

- GPA: 4.0

- Relevant Courses: Algorithms, Data Structures, Software Design, Applied Machine Learning, Concurrent Programming, Databases, Operating Systems

09/2022 – 04/2026

Montreal, Canada

## 📁 PROFESSIONAL EXPERIENCE

### Shopify (incoming)

Software Developer

05/2025

Montreal, Canada

### Ploomber

Software Developer Intern

- Full-Stack development with **AWS, React, FastAPI, Postgres**
- Streamlined the deployment process for data science Python frameworks, helped users launch **over 100 applications**
- Developed a pleasing graphical and intuitive user interface that contributed to a **2x improvement in user retention and conversion metrics**

07/2024 – 11/2024

### Flojoy

Software Developer Intern

- Full-Stack development with **React/TypeScript, FastAPI, Langchain**
- **Accelerated \$1M+ seed funding** by delivering high-impact product demos and rapid prototypes
- Leveraged LangChain to design and build a **AI-Generated test sequencing system**.

05/2023 – 03/2024

### CAE

Software Developer Intern

- Full-Stack development with **Angular, Golang, VMWare**
- Virtualized flight simulators, transitioning from bundleware to virtualization, **halving the production cost for a simulator**.

01/2023 – 04/2023

### Ciena

Software Developer Intern

- Helped to build and design an algorithm to perform path-finding in a distributed network using **Golang**

06/2021 – 07/2022

## 📁 PROJECTS

### Personal Website

Synced with this PDF resume. Made with React, Tailwind CSS, Shadcn, FastAPI and MongoDB

### 3D Quarto

Implemented a custom 3D environment from scratch with importable OBJ files. Game runs inside. Made with XOJO.

### Quarto Now

Web application that allows you to generate a turn-based game with your custom rules, and send the link to play with your friend. Made with Typescript/React VITE, Golang, Python, LangChain

### Single Directory File System

Basic Unix-like file system in C using i-nodes for file management and storage allocation.

## 🏆 AWARDS

### Major Renewable Undergraduate Scholarship

McGill University

Merit-based scholarship awarded for continuous excellent academic achievements

### Computer Science Scholarship

Beaubois College

Scholarship awarded for excellence in Computer Science

## 🧠 SKILLS

Python — FastAPI, Pydantic

Typescript/Javascript — React

Database — PostgreSQL, Redis, MongoDB

Golang — Gin

Java

C

OCaml

DevOps — Docker, GitHub Actions