

# Hristo Sandev *Software Engineer/Developer*

✉ sandevh@gmail.com    ☎ +1 438-491-5886    📅 13/01/2003    🌐 github.com/izi-on    🔗 linkedin.com/in/hristo-sandev-7b8059172

## 🎓 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

### 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**.
- Lead a social media marketing agency and developed content myself, **helped amass over 60k views in short form video content and double traffic to landing page in the span of a month**

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

### 3D Quarto

Implemented a custom 3D environment from scratch with importable OBJ files.

### Single Directory File System

Developed a single-directory file system employing i-nodes in C

### Quarto Now

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

## 🏆 AWARDS

### Emily Ross Crawford Scholarship

McGill University

A competitive, merit-based scholarship for outstanding academic achievement

### 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

### 8th place provincially in the AMQ Mathematics Competition

AMQ - Association Mathématique du Quebec

Placed 8th in Quebec in 2020 for Secondaire 5

## 🧠 SKILLS

Python — FastAPI, Pydantic

Typescript/Javascript — React

Database — PostgreSQL, Redis

Golang — Gin

Java

C

OCaml

DevOps — Docker, GitHub Actions