Hristo Sandev *Software Engineer/Developer*

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🎓 EDUCATION

BSc Computer Science 09/2022 – 04/2026
McGill University Montreal, Canada
- GPA: 4.0
- Relevant Courses: Algorithms, Data Structures, Software Design, Applied Machine Learning, Concurrent Programming, Databases, Operating Systems

💼 PROFESSIONAL EXPERIENCE

Shopify (ongoing) 05/2025 – 08/2025
Software Developer Intern
- Will develop and optimize address management logic, focusing on autocompletion, semantic equivalence, and geospatial accuracy. Impact on user experience and internal use cases.

Ploomber 07/2024 – 11/2024
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**

Flojoy 05/2023 – 03/2024
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.**

CAE 01/2023 – 04/2023
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.**

Ciena 06/2021 – 07/2022
Software Developer Intern
- Helped to build and design an algorithm to perform path-finding in a distributed network using **Golang**

📁 PROJECTS

Compiler ⧉
Compiles a subset of C with OOP features to MIPS assembly. Features various optimizations such as graph colouring register allocation. Built in Java

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 using i-nodes for file management and storage allocation. Made with C

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

🎗 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