

Jean-Claude Desrosiers

COMPUTER SCIENCE ENTHUSIAST, TEACHER AND STUDENT

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Profile

- Communication** Fit to work within a team and with clients, as well as with students; fluent in both english and french
- Learning** Adept at learning computer science skills and concepts, very quickly
- Hardworking** Resolve to produce efficient and applied work
- Curiosity** Interested in low-level programming, theoretical computer science, quantum computing, etc.

Skills

- Programming** Fluency with multiple paradigms (object-oriented, declarative, functional, logical, etc.)
- System** Knowledgeable in low-level (C et MIPS) and machine (VHDL) programming
- Development** Experienced in designing and developing Java desktop applications with Maven
- Web** Knowledgeable in front-end (Bootstrap, Javascript) and back-end (NodeJS, PHP, .NET) development
- Mobile** Practical experience developing Android and React.js applications for mobile
- Database** Efficient in SQL query writing and database design
- Linux** Knowledgeable at using a Linux operating system and command-line utilities

Education

UdeM (Université de Montréal)

MASTER'S IN COMPUTER SCIENCE

- Theoretical computer science and quantum computation option
- Computational complexity of the *Tree-Evaluation* problem

Montreal, Quebec

Sept. 2023 - Ongoing

UdeM (Université de Montréal)

BACHELOR IN COMPUTER SCIENCE

- Practical and theoretical problems related to software design and development
- Awarded two scholarships of excellence in the computer science department in 2020 and 2022

Montreal, Quebec

Sept. 2019 - May 2022

Dawson College

DIPLOMA OF COLLEGIAL STUDIES IN COMPUTER SCIENCE

- Rapid Application Development for desktop, web and mobile environments according to industry standards

Montreal, Quebec

Sept. 2016 - May. 2019

Work Experience

Dawson College

COMPUTER SCIENCE TEACHER

- Plan lectures, exercises, assignments and examinations for college-level computer science courses
- Give in-person lectures/exercises and grade assignments/examinations
- Participate in departmental decisions and extra-curricular activities for the students

Montreal, Quebec

June 2022 - Ongoing

Desjardins

SOFTWARE DEVELOPER

- Maintenance, exploitation and development with applications such as uCMDB, UD, SmartTrack and BigFix in Python and Java
- Use Windows batch scripting to automate jobs and Python for development
- Apply ITSM processes in the ITIL v.4 framework

Montreal, Quebec

May 2021 - May 2022

Extracurricular Activity

Code Club Canada

VOLUNTEER

- Develop a series of activities for kids to playfully learn how to code with Scratch and Microbit
- Build an introductory class on web technologies (HTML/CSS/JS) for adolescents
- Animate said activities, weekly, in a small group

St-Philippe, Quebec

Sept. 2019 - April 2021