Callista Dembegiotis

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Education

Bachelor of Science, Computer Science, *McGill University*   08/2021 – 12/2024
- <u>Involvement</u>: Women in Tech, Girls Who Code, Intramural Soccer
- <u>Select courses</u>: Principles of Web Development, Software Design, Distributed Systems, Applied Machine Learning, NLP

Exchange, *University of Groningen, Netherlands*   02/2024 – 07/2024
<u>Relevant courses</u>: Software Engineering, Introduction to Information Systems

DEC, Health Science, *Marianopolis College*   08/2019 – 06/2021

Skills

Programming Languages: Python, Java, JavaScript, SQL, HTML, CSS, Bash, Assembly
Tools and Frameworks: React.js, Git
Languages: English, French

Professional Experience

Undergraduate Teaching Assistant - Introduction to Computer Systems, *McGill University*   09/2023 – 12/2023
- Supported 300+ students in a team of 9 TAs, answering questions on digital logic and MIPS Assembly during office hours and on the online forum
- Graded 150+ assignments and provided feedback

Technical Sales Intern, *IBM Canada*   05/2023 – 08/2023
- Prepared and presented 5+ product demos, both individually and in teams
- Contributed to the creation of an enablement for IBM architects by researching IT architecture artifacts and writing scripts for the training videos
- Shadowed internal and client-facing sales calls weekly

Extra Curricular

Logistics and Events Ambassador, *McGill Women in Tech*   09/2023 – 12/2024
- Collaborated within a sub-team of 3 members to organize and plan events promoting Women in Tech initiatives.
- Participated in biweekly team meetings with the 4 other sub-teams to strategize and coordinate event logistics.

Facilitator, *McGill Girls Who Code*   09/2022 – 12/2022
- Taught Python to a group of ~10 female high school students (grades 7-9)
- Collaborated with 3 facilitators to build a curriculum, prepare weekly sessions, and teach the group of students

Projects

Gomibo Malfunction Report System, *Software Engineering Group Project*   02/2024 – 06/2024
- Led 2 frontend developers in a team of 5 to design and develop an internal malfunction report system website for Gomibo employees
- Designed and implemented the front end using **React.js**, enhacing user experience for both reporters and maintenance personel

RedTalk, *COMP307 Final Group Project*   11/2023 – 12/2023
- Collaborated in a team of 4 to develop an internal communication web application for McGill staff and students, serving as a Slack/Discord replacement
- Designed and implemented the front end using **React.js**
- Integrated backend functionality through API endpoints developed by the backend team

Colosseum Survival AI Game Agent, *COMP424 Final Group Project*   11/2023 – 12/2023
- Implemented an AI game agent in **Python** using a heuristic alpha-beta pruning algorithm to compete in the 2-player Colosseum Survival Game
- Achieved a 100% win-rate against the random agent and 27.54% win-rate against other student agents