Mickel Samuel

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Linkedin | **Github** | **Portfolio**

EDUCATION

Bachelor of Engineering – Computer Engineering Co-op   **2022 - 2026**
Concordia University, Montreal, QC
- Member of the Institute for Co-operative Education
- Relevant Courses: Basic Circuit Analysis, Programming Methodology II, Applied Advanced Calculus, Discrete Mathematics, Digital Systems Design, Data Structures and Algorithms, Probability and Statistics, Numerical Methods, Software Process, Computer Organization and Software
- **Award: Quebec Perspective Scholarship**

DEC in Science   **2020 - 2022**
John Abbott College, Sainte-Anne-de-Bellevue, QC
Honor Roll Student (2020,2021)
- **Award: Dean's List (over 80% average)**

SKILLS AND QUALIFICATIONS

Languages | English (Spoken & Written), French (Basic Spoken & Written), Arabic (Spoken & Basic Written)
Programming Languages | C++, Python, Java, C, x86 Intel Assembly Language, HTML, CSS, JavaScript, PHP
Web Technologies | React, NextJS, Bootstrap, Mantine UI
Frameworks & Tools | Xcode, Microsoft Visual Studio, Windows Forms App, PocketBase, IntelliJ IDEA, Visual Studio Code
Operating Systems | Windows, Linux, Mobile, MacOS
Methodologies | Object-Oriented Programming (OOP), Circuit Analysis, Responsive Web Design, Agile/Scrum, Full-Stack Web Development, Discrete Mathematics, Data Structures and Algorithms, Software Engineering Principles, Computer Architecture, Operating Systems Design, Numerical Analysis, Statistical Analysis
Applications | Microsoft Office (Word, Excel, PowerPoint)
Version Control | GitHub
Other Tools | YouTube, Stack Overflow

PROJECTS

Portfolio Website (Personal)   **2023**

- Developed a comprehensive portfolio website using HTML, CSS, and JavaScript, showcasing my computer engineering projects and skills.
- Implemented responsive design for optimal viewing on various devices and integrated basic SEO strategies for enhanced online visibility.
- Managed website hosting using GitHub Pages and actively working on improving mobile responsiveness.

Othello Board Game (Academic)   **2023**

- Programmed a digital version of the Othello board game in C++ using Xcode, demonstrating the application of Object-Oriented Programming (OOP) principles.
- Enhanced expertise in OOP through the design of classes and implementation of concepts like inheritance and polymorphism, focusing on modular design and code reusability.

Real Estate Website (Academic)   2023

- Played a key role in a team developing a dynamic Real Estate web application using NextJS and PocketBase, targeting house buyers, renters, brokers, and system admins with specific functionalities.
- Enhanced full-stack development skills, including front-end design using Mantine UI and React, and back-end data management with PocketBase, focusing on user experience and responsive design.
- Contributed to project management and agile methodologies, fostering effective team communication and collaboration in a complex, multi-functional web environment.

Wordle Solver (Personal)   2023

- Developed a Java-based Wordle Solver application, leveraging advanced algorithms and data structures to efficiently solve Wordle puzzles.
- Enhanced problem-solving skills in algorithm design and data structure optimization, deepening my expertise in Java programming.

WORK EXPERIENCE

Inventory Clerk   2021
Distribution Regitan, Dorval, QC

- Efficiently managed and processed orders for multiple stores, warehouses, and facilities.
- Demonstrated strong organizational skills in preparing pallets and loading trucks to ensure accurate and timely deliveries.
- Maintained a high level of cleanliness and organization within the warehouse, contributing to a safe and efficient working environment.
- Collaborated effectively with team members to streamline operations and meet production targets.

VOLUNTEER WORK

Open House Representative   2023
Concordia University, Montreal, QC

- Led tours around the school for future students interested in computer and electrical engineering.
- Demonstrated excellent interpersonal skills by engaging with prospective students, addressing their questions, and fostering a welcoming and informative atmosphere during the open house events.

Tutor
Emmanuel Christian School, Dollard-Des Ormeaux   2019 - present

- Provide individualized tutoring sessions to high school and elementary students in various subjects.
- Develop personalized lesson plans and instructional materials to meet the specific needs and learning styles of each student.
- Offer guidance and support in homework assignments, projects, and exam preparation, helping students achieve academic success.

Card Maker   2015 - 2020
Kuper Academy, Kirkland, QC

- Organized and participated in a yearly dinner event where handmade cards were distributed to seniors and veterans.
- Fostered a warm and compassionate atmosphere during the event, engaging with the recipients and sharing in their joy and gratitude.