

Oscar Chen

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EDUCATION

McGill University

Bachelor of Science in Computer Science

Montreal, QC

Aug. 2020 – May 2024

EXPERIENCE

Front-end Development Intern

Hotel Spa Excelsior

June 2024 – Aug. 2024

Sainte-Adele, QC

- Enhanced user experience by reorganizing website content and improving visual hierarchy, resulting in better content accessibility
- Increased search engine visibility by strategically restructuring content paragraphs to include target keywords, boosting organic search rankings

Data Engineering Intern

Wconsulting Inc

Jan. 2025 – Present

Montreal, QC

- Built a data pipeline using Azure Data Factory and Polars to extract and process gaming statistics from Riot Games API, enabling real-time analysis of player performance data
- Developed interactive web dashboards with to visualize player metrics, providing actionable insights for performance tracking

PROJECTS

Personal Website | *React, GitHub Pages, HTML/CSS, JavaScript*

Sep. 2023 – Present

- Designed and developed a responsive personal portfolio website showcasing projects, technical skills, and professional experience
- Implemented modern web development practices including mobile-first design and cross-browser compatibility
- Deployed using GitHub Pages with automated CI/CD pipeline for seamless updates and version control

McGill Booking | *React, XAMMP, MySQL, PHP, AWS Cloud*

Sep. 2024 – Dec 2024

- Developed a web booking application for professors to create appointments and students to book meetings
- Used XAMMP for local development and AWS for hosting on the web

AutoLock | *Python, Github, PyAutoGUI, Tkinter*

Jan 2025 – May 2025

- Designed and developed a python application allowing players to multitask while waiting for matchmaking
- Reduced the number of actions required by 75% by automating match accepting, leading to a 70% reduction in pre-game setup time

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Bash, Dart, Ocaml, PHP, Assembly

Frameworks: React, Node.js, Express.js, Flutter, Bootstrap, XAMMP, JUnit, WordPress, FastAPI

Developer Tools: Git, Docker, AWS Lightsail, VS Code, PyCharm, IntelliJ, Cursor, DB2, Canva, Figma

Libraries: pandas, NumPy, Matplotlib, scikit-learn

LEADERSHIP EXPERIENCE

Vice-President, Volunteer Youth Group

Fo Guang Shan Montreal Buddhist Temple

June 2022 – Present

Montreal, QC

- Communicate with managers to set up cultural events and camps for kids
- Real-time translation for venerables from Mandarin to French/English
- Access and troubleshoot IT problems brought by staff and venerables

LANGUAGES

Fluent: English, French; Conversational: Mandarin, Cantonese, Teochew; Basic: Korean, Spanish