

Daniel Chen

+1 613-600-1330 | danielchen.mc@gmail.com | [linkedin.com/in/danielchen-mc](https://www.linkedin.com/in/danielchen-mc) | github.com/Asianadian

TECHNICAL SKILLS

Languages & Frameworks: Java, Python, C, C++, JavaScript, TypeScript, HTML, CSS, Next.js, SQL, JUnit
Developer Tools: Git, Docker, Maven, Gradle, Jira, Confluence, Splunk, Jenkins, SonarQube

EXPERIENCE

AI Research Intern – Azure: AI Studio, AI Search, Blob Storage, React.js May 2024 – Aug. 2024
National Research Council *Ottawa, Canada*

- Indexed and stored departmental knowledge articles using **Azure Blob Storage** and **AI Search**
- Developed a **React.js** web application with **Azure AI Studio** to provide LLM responses with references to inquiries aided by RAG, reducing documentation searching times by up to **90%**
- Implemented dynamic controls in the web app to adjust temperature, top_p and top_k

Software Development Engineer – Java, JUnit, Postman, Splunk Jan. 2024 – May 2024
Trend Micro *Ottawa, Canada*

- Resolved unresponsive pages and failed services on Vision One by integration with existing notification service
- Took advantage of **WebSocket** API to reduce notification display time by **7400%** on Vision One compared to legacy application
- Wrote unit tests and documented extensive manual testing to ensure robustness and support future development
- Supported live deployment of features by monitoring logs in **Splunk** and addressing reported issues

Software Development Engineer – Java, C#, Postman, SQL May 2023 - Dec 2023
Canadian Bank Note Company *Ottawa, Canada*

- Added elastic search to passport application intake system
- Created API for passport intake application to provide applicant information to facial recognition system and receive facial recognition results
- Participated in daily stand-up meetings and sprint planning sessions to ensuring alignment with project goals and deadlines

Teacher's Assistant – Python, Java Sep. 2022 - Apr. 2023
Carleton University *Ottawa, Canada*

- Explained abstract programming concepts to students to improve understanding of course material
- Provided feedback on student submissions based on project specification

PROJECTS

MyFitnessFriends – Next.js, TypeScript, CSS, Supabase Jun. 2024 - Present
Fitness Tracking Web App

- Created a web app using **Next.js** for users to gain nutritional insights from the **USDA FoodData** API, log exercises and track weight loss/gain progress

Places Poll Bot – Python, Google Places API, Discord API Jun. 2024
Place of Interest Polling Discord Bot

- Created a Discord bot using **discord.py** for users to find locations through prompts using **Google Places** API
- Used **Discord** API to send polls with retrieved locations

RouteEV – React.js, Google Maps API, Google Places API Mar. 2024
Electric Vehicle Routing Web App - 2nd Place Ford EV Challenge @ uOttHack 6

- Created a web app using **React.js** to show EV charging stations along planned routes using **Google Places** API
- Allowed users to reroute a trip through a selected charging station

EDUCATION

Carleton University Sep. 2020 - Present
4th year Bachelor's of Computer Science - 12.0/12.0 GPA *Ottawa, Canada*