

Jacob Kish

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ASPIRATION

Over my university and co-op career, I've gained the experience, knowledge, and passion to prepare me for a career in technology. I'm eager to be an asset in the workplace and make an impact in the industry.



EDUCATION

Software Engineering B.E. | McMaster University, Hamilton, Ontario

September 2021 – Present (Graduating April 2025)

- Core engineering courses include Object-Oriented Programming, Data Structures and Algorithms, Software Testing, Software Requirements, and Networks and Security that provided a strong foundation for a career in the tech sector
- Excelled in my selected program due to commitment and dedication
- Project design was selected top five of over 200 entries in the McMaster Engineering 1P13 Expo



EXPERIENCE

Software Developer | Dye & Durham

May-September 2024

- Returned to Dye & Durham, a global leader in legal technology, for a third term in a more technical capacity, continuing to demonstrate reliability and adaptability
- Used Typescript with Playwright to independently create a new framework for automated testing of flagship products, improving the efficiency of the development pipeline
- Implemented a new repository and practiced CI/CD through automatic tests and builds via GitHub Actions

Quality Assurance Analyst | Dye & Durham

May-September 2023

- Played a central role in the bug triaging process, collaborating effectively with highly skilled team members of various roles in Agile environment
- Independently devised original test suites for a new global billing system

Quality Assurance Analyst | Dye & Durham

May-September 2022

- Ensured software quality through rigorous manual testing
- Designed and ran test plans for a multitude of different products



LANGUAGES

- | | | |
|-----------------|--------------|--------------|
| • Java | • Go | • C#, C++, C |
| • HTML, JS, CSS | • Python | • Bash |
| • SQL | • Typescript | • Matlab |

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PROJECTS

Island Generation

- Utilized **Java** to develop a graphical generation program to create SVG maps of islands according to user-specified biomes and sizes
- Made use of **Maven** dependencies and build process for clean and consistent management of a large codebase

Personal Website (jmkisok1.github.io)

- Created a personal website portfolio with relevant social links, personal information, and project information with downloadable ZIPs
- Used **HTML** and **CSS** to design and organize an interactive and visually appealing site from scratch

McMaster FERP (Financial Expense Reporting Platform)

- Collaborated with group members to design and implement a full stack web application utilizing **React** with **Next.js**, **Tailwind CSS**, and noSQL database management with **MongoDB**
- Elicited requirements and worked closely with stakeholders to streamline club payments and reimbursements for the McMaster Engineering Society

Secure Chat Application

- Collaborated with 4 other team members to create a chatting application with **Kerberos** authentication protocol using **Android Studio**
- Used HTML and CSS to create a user-friendly and intuitive app for Android



ACTIVITIES

Volunteer | Oakville Youth Centre

July 2019 – March 2020

- Displayed leadership, interpersonal communication, compassion, teamwork, and time management and delegation skills through working with and supporting youth in the community

Volunteer | Oakville Rangers Hockey Association

September 2019 – February 2020

- Tasks included overseeing registration and assisting with meetings

Referee | Ontario Minor Hockey Association

October 2018 – March 2020

- Demonstrated leadership in defusing high-intensity situations
- Always showed respect and courtesy to players, coaches, and spectators
- Exhibited strong communication skills, sound judgement, and effective teamwork