Selina Kim

3RD YEAR COMPUTER SCIENCE STUDENT

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EDUCATION

McMaster University   Hamilton, ON, Canada
B.A.Sc. in Computer Science (Co-op)   *Sep. 2021 – May 2026*
- **Relevant Course Work:** Algorithms & Software Design, Data Structures and Algorithms, Software Testing, Computer Networks and Security, Operating Systems, Databases, Scientific Computing, Physics for Video Games, Human Computer Interfaces

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, Java, C, C++, HTML/CSS, Bash, SQL
Frameworks: Git, React, Node.js, Express.js, Next.js, Astro, Tailwind CSS
Development Tools: GitHub, Azure DevOps, Splunk, Jira, MongoDB, Google Cloud Platform, Jupyter, Firebase, Netlify, Postman

EXPERIENCE

Junior Software Developer   Toronto, ON, Canada
CIBC − Contact Centre API Solutions & Development ☐   *May 2023 − Aug. 2023*
- Identified, documented, and implemented bug fixes based on log analysis utilizing Splunk
- Deployed and monitored automated CI/CD pipeline jobs with Azure DevOps
- Assisted in latest launch of internal web application used for customer interactions by over 1,000 telebanking agents
- Collaborated in a team of 15 developers, product managers, and QA engineers within an Agile work environment
- Deployed code to DIT environment, conducted testing and documented results for reports sent to SIT
- ***Skills:*** *Java, .NET, Azure DevOps, Splunk, JFrog Artifactory, Visual Studio, Jira, Microsoft Excel*

DeltaHacks Technical Executive (Volunteer)   Hamilton, ON, Canada
https://github.com/selina-kim/mern-blog-app ☐   *Jan. 2023 − Present*
- Collaborated with 7 developers and the design team to build a modern landing page with a perfect Google Lighthouse score
- Built timer component with client-side rendering and improved mobile responsivity
- ***Skills:*** *TypeScript, JavaScript, Astro, Tailwind CSS, Linear*

PROJECTS

MERN Stack Markdown Blog App
https://github.com/selina-kim/mern-blog-app ☐   *Jan. 2024*
- Designed MongoDB database to manage blog posts, user data, and comments, ensuring efficient data retrieval and storage
- Implemented secure user authentication and authorization with JSON Web Tokens and storing encrpyted passwords with bcrypt
- Utilized Express.js to create RESTful API endpoints enabling users to manage blog posts seamlessly with CRUD operations
- Integrated third-party libraries to support storing and displaying blog post content in markdown to ensure seamless UX
- ***Skills:*** *MongoDB, Express.js, React, Node.js, TypeScript, Postman, JWT, Vite, Git*

Personal Website
https://github.com/selina-kim/personal-website ☐   *Jan. 2023 − Present*
- Developed static website using Astro framework for development and Netlify for hosting and deployment
- Utilized Tailwind CSS to simplify styling process and implement responsive web design
- ***Skills:*** *Astro, TypeScript, Tailwind CSS, Netlify, Git, Figma, Adobe Illustrator*

EDU Everywhere
https://github.com/selina-kim/EDUEverywhere ☐   *Jan. 2023*
- Built a full stack web prototype of a cross-language education platform using Google Cloud APIs with a team of 4 members
- Contributed in back-end development by coding translation functionality via Google Cloud Translation AI in Python
- Assisted in front-end development by designing UI structure and implementing design with React
- ***Skills:*** *Python, Flask, React, HTML/CSS, Figma, Google Cloud Translation AI, Google Cloud Vision AI, Git*

Python Tetris
https://github.com/selina-kim/python-tetris-game ☐   *Oct. 2022 − Jan. 2023*
- Developed a single-player tetris game in Python with Pyglet library to design graphical interface
- Implemented both human and automated testing by creating python scripts to optimize testing process
- Packaged the program into an executable using PyInstaller to allow more practical distribution
- ***Skills:*** *Python, Pyglet, PyInstaller, Git*