

LUCAS CHOI

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<https://lucasnchoi.github.io/>

Skills

Coding Languages: C++, SQL, HTML, CSS, Python, JavaScript, Java, C

Other technical skills: Linux, Git, Wireshark, PyTorch, Flask

Languages: English (Native), French (Fluent), Spanish (Proficient)

Education

University of Toronto

Sept 2019 - June 2024

Bachelor of Applied Sciences - Computer Engineering

Work Experience

AMD

May 2022 - Aug 2023

Software Display PEY - C++, SQL, C

- Developed testing tools and methods to evaluate the feasibility of new display features
- Tested and audited displays for AMD FreeSync™ certification eligibility
- Developed and tested new criteria for AMD FreeSync™ certification
- Managed and maintained AMD FreeSync™ display database and website
- Maintained and developed business relations with AMD's display manufacturing partners

Versapay

May 2021 - Dec 2021

Associate Software Engineer

Sept 2021 - Dec 2021

- Offered and accepted a part-time position to continue working during the school year

Software Engineering Intern - HTML, CSS, JS, Shopify Liquid

May 2021 - Sept 2021

- Designed invoice and credit memo templates using HTML, CSS, Shopify Liquid and Javascript

Projects:

• **Slesh - JS (Node), HTML, CSS**

Nov 2023 - Present

- Startup project which allows users to navigate websites using natural language

• **Readease - JS (React Native, Node), HTML, CSS**

Sept 2023 - April 2024

- My team's capstone project: a mobile application to help individuals with dyslexia, with reading comprehension
- Planned and implemented audio and visual aids (text-to-speech, summary and image generation)
- Implemented and tested the application's user interface

• **Greener Waze - C++**

Jan 2021 - May 2021

- Navigation GIS (Geographic information system) for electric vehicle users
- Utilized GTK and EZGL for user interface design (search bars, drop-down boxes etc.)
- Implemented path-finding algorithms for driving directions