

STEPHEN LE

Mississauga, Ontario | stephen.dt.le@gmail.com

in: <https://www.linkedin.com/in/stephen-dt-le/> | [O: https://github.com/HerschaLo](https://github.com/HerschaLo)

EDUCATION

University of Toronto

BS Computer Science *GPA: 3.93*

Toronto, Ontario

September 2022 - June 2027

EXPERIENCE

Freelance

Software Developer

Remote

March 2023 -

- [Rewrote](#) the [Boilerpipe](#) library in Typescript, and implemented a unit testing suite with Mocha and Chai.
- [Implemented unfinished features for and debugged](#) a prototype Google Doc add-on to generate essay prompts and feedback for essays using ChatGPT.

Sunny Audio (<https://www.sunnyaudio.ca/>)

Web Developer

Toronto, Ontario

December 2021 - May 2022

- Built a responsive website following SEO best practices for Sunny Audio to display their listings for audio equipment using React, Gatsby, and Firebase (Firestore, Authentication, Storage)
- Achieved a conversion rate of ~3%

NOVA x Network (<https://apply-nova-fire.netlify.app/>)

Web Developer

Mississauga, Ontario

July 2021 - November 2021

- Programmed the organization's application portal for its FIRE (Fellowship in Innovation, Research, and Education) program using React, Gatsby, and Firebase
- Sped up application processing by ~25% compared to previous system of having applicants submit PDFs through Dropbox

SKILLS

Languages: Python, Javascript/NodeJS, Typescript, HTML & CSS (with Scss/Sass), Java, SQL

Frameworks/Libraries: React, Gatsby, Firebase Authentication/Storage, Mocha, Chai, TailwindCSS
Django REST Framework, MaterialUI, Emotion, React Router, React Native, Expo, Flask, NextJS, ExpressJS
AuthZero

Tools: Git, Github Workflows, Codecov, Docker

Databases: MongoDB, Firestore, PostgreSQL

PROJECTS

GridFS-file-tree-manager NPM Package *NodeJS, MongoDB, Typescript, Mocha/Chai*

- Wrote a small typescript npm package for creating and interacting with file trees in MongoDB
- Supports CRUD operations, file versioning and custom file metadata for flexibility of use cases
- Created a unit test suite with Mocha and Chai to test all package methods

Source: <https://github.com/HerschaLo/GridFS-file-tree-manager>

UTM Google Developer Student Club Website (<https://gdscutm.com/>) *NodeJS, NextJS, Sass*

- Migrated website from React Router to NextJS for image optimization and SSR
- Compressed images served by the site by ~75%-90+% and improved page load speeds by ~50+%

Source: <https://github.com/utmgdsc/website>

AWARDS

Certificate of Distinction for the 2022 Waterloo Senior Canadian Computing Contest

- Obtained a score of 30 out of 75, which puts me in the top 17% of contestants, out of 3261 contestants.
- Contest focused on implementing algorithms and data structures.

1st Place in the Education Category at GTAHacks

- Built a website with teammates that allowed educators to reuse other educators' materials to save time
- Programmed using the Django REST framework and React

Link to the hackathon: <https://devpost.com/software/ressourca>

3rd Place at Lighthouse Hacks

- Built a chrome extension with teammates that focused on increasing user productivity by integrating multiple features
- Features included pomodoro timer, to-do list, and procrastination tracker.

Link to the hackathon: <https://devpost.com/software/timediscard>