

# Celeste Luo

✉ dulldesk@gmail.com | 🏠 dulldesk.github.io | 💻 dulldesk | 🌐 celesteluo

## Education

### University of Waterloo

Bachelor of Computer Science

Waterloo, ON

Sept. 2022 - Apr. 2027

## Skills

### Languages

JavaScript, Python, TypeScript, HTML/CSS, Java, PowerShell

### Tools & Technologies

React, Node.js, Express.js, Django, Flask, Sass, LaTeX, Git

## Experience

### Computer Programming Club Developer

W.L. MACKENZIE C.I.

Toronto, Ontario

Sept. 2021 - June 2022

- Contributed to [ctf.mcpt.ca](https://ctf.mcpt.ca), an online judge for challenge problems and school-wide and provincial contests, hosting over 100 problems, 375 users & 5000 submissions
- Implemented a mobile-responsive user interface using Python Django, Sass, & Bootstrap (code on [GitHub](#))
- Wrote asynchronous JavaScript to fetch backend API requests for live challenge Docker resources

### Website Developer & Python Mentor

YOUTH DREAM CANADA

Toronto, Ontario

Aug. 2021 - May 2022

- Implemented a shop system for mentorship registration on WordPress and WooCommerce
- Taught programming concepts to young students, communicating in a friendly and tangible manner

### Website Developer & Graphic Designer

ACTION CIND

Ontario, Canada

Feb. 2019 - present

- Developed and maintained charity websites using WordPress & PHP, following W3C accessibility standards
- Documented site development, code structure, version tracking, and research for new features
- Helped raise over \$10 000 for M.E. research by designing graphics for a fun run fundraiser

## Projects

### words-api: Random Word Generator



- Open source Express.js API hosted on Heroku with 25+ stars on GitHub

### Dark Docs: Google Docs Dark Theme



- Contributor to open source CSS stylesheet project with over 10 000 installations & 400+ installs / week

### Quiz Builder



- Drag & drop dropdown quiz builder using React, a Python Flask REST API, and a SQLite database

### Minesweeper Risk



- Variant of minesweeper written in React & TypeScript, deployed with GitHub Actions

## Honors & Awards

### picoCTF Cybersecurity Competition

1st Place in Canada, 3rd worldwide of 7794 teams / 18000+ students

Carnegie Mellon University

2022

### CyberPatriot Cybersecurity Competition

1st Place in Canada, 5th worldwide of 5254 teams / 19000+ students

US Air Force Association

2021, 2022