

Dundee Zhang

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SKILLS & INTERESTS

Languages: JavaScript, TypeScript, C, C++, Java, Python, HTML, CSS

Tools and Frameworks: Git, Unix, Node.js, Next.js, React, MongoDB, TailwindCSS

EDUCATION

University of Waterloo

Bachelor's of Computer Science

Waterloo, ON

Sep 2024 – Apr 2029

- **Societies:** The Mathematics Society - **First Year Representative Councilor**
- **Clubs:** Computer Science Club - **External Affairs Executive**
- **Design Teams:** Electrium Mobility - **Web Developer**

EXPERIENCE

Ignition Hacks

Aug 2024

Mentor

Remote

- Mentored over **400** university and high school students in **JavaScript** and **Python**.
- Helped students integrate **OpenAI** and **WolframAlpha** APIs in their projects for **AI** and **Computer Vision**.

NRGHacks

Aug 2023 – Jun 2024

Co-Founder

Aurora, ON

- Co-founded and ran a school board certified hackathon for highschool students in YRDSB.
- Raised over **\$1000** for multiple high school computer science clubs with over **100 hackers** total.

Town of Newmarket

Sep 2022 – Jun 2023

Lifeguard, Swim and Lifesaving Instructor

Newmarket, ON

- Trained students in lifesaving through the Bronze Medallion Course with over **70%** pass rate.
- Taught and planned swimming lessons for **persons with disabilities**.

PROJECTS

Portfolio Website and Blog

Aug 2024 – Sep 2024

*Built fully-featured **responsive** webpages using **TypeScript**, **React** and **CSS**.*

github/dundeezhangv4

Algorithms: Contest Solutions

Sep 2022 – Feb 2024

*Used **C**, **C++**, **Java**, and **Python** to implement **advanced algorithms**.*

github/Contests

AWARDS

Rich Media - Aivars Petersons Memorial Award

Jun 2023

University of Waterloo

- One award, given annually to an outstanding undergraduate student entering Year One of any program in the David R. Cheriton School of Computer Science.

CEMC Certificates of Distinction and Honour Roll

Sep 2019 – Feb 2024

University of Waterloo

- Recieved for achieving a **top 25% score** for various Centre for Education in Mathematics and Computing math and computer science contests.

EXTRACURRICULAR LEADERSHIP EXPERIENCE

Newmarket High School Computer Science Club

Sep 2023 – Jun 2024

President

- Ran **hackathons** and **club fairs** to introduce over **150 students** to computer science within my town.

Newmarket High School Math Club

Sep 2023 – Jun 2024

President

- Mentored over **40 club members** in extracurricular math to **increase math contest scores** within the school.