

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

Waterloo, ON

Bachelor's of Computer Science – GPA: 3.9

Sep 2024 – Apr 2029

- **Societies:** The Mathematics Society - **First Year Representative** and **Councilor Director**
- **Clubs:** Computer Science Club - **External Affairs Executive**
- **Design Teams:** Electrium Mobility - **Web Developer** - Wrote scripts to allow renting vehicles on the store.
- **Relevant Courses:** **CS 145:** Designing Functional Programs (Advanced Version)

EXPERIENCE

Ignition Hacks

Aug 2024

Mentor

Remote

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

NRGHacks

Aug 2023 – Jun 2024

Co-Founder and Judge

Aurora, ON

- Co-founded and ran a school-board certified hackathon for highschool students within York Region.
- Raised over **\$1000** for multiple high school computer science clubs totaling over **200 hackers** overall.

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 and lifesaving 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 and Data Structures: Contest Solutions

Sep 2022 – Feb 2024

*Implemented various **complex algorithms** using **C**, **C++**, **Java**, and **Python**.*

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

- Received 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 the 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.