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 — *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**.
- Used **OpenAI** and **WolframAlpha APIs** to help students incorporate **AI** and **Computer Vision** into their projects.

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
Technologies Used: React, TypeScript, Vite, Node.js, CSS — *github/dundeezhangv4*

Algorithms: Contest Solutions — Sep 2022 – Feb 2024
Languages Used: C, C++, Java, 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 — September 2019 – February 2024
University of Waterloo

- Recieved 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 100 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.