

# Dundee Zhang

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## SKILLS

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

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

## EDUCATION

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### University of Waterloo

*Bachelor's of Computer Science*

Waterloo, ON

Sep 2024 – Apr 2029

- **Clubs:** Computer Science Club - **External Affairs Executive**
- **Design Teams:** Electrium Mobility - **Web Developer**

## EXPERIENCE

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### 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

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### 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++, Java, Python*

*github/Contests*

## AWARDS

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### 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

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### 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.