

CHRIS TAN

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PROJECTS AND PUBLICATIONS

Hardstuck.gg

Javascript, Node.js, Express.js, HTML/CSS, Bootstrap

- Developed web application that implements a RESTful API to analyze data from a video game to create a "resume" of the player's statistics.
- Implemented and ran custom-built data parsing algorithms on the Riot Games API to create custom data structures tailored towards each HTTP request.
- Used Express-handlebars as a view engine to build logic to display or not display certain HTML tags, depending on certain boolean values.

Vysion

Google Mobile Vision, Android Studio, Java

- Designed a mobile application that aids those with hyperopia or the elderly in finding allergens or specific ingredients in food.
- Built using the Google Mobile Vision API for optical character recognition.
- Developed string searching and parsing algorithms and other general back-end functions.

The Modern Fire of Olympus

Medium

- Researched and wrote an academic paper exploring popular science and its relative place in the modern age using Prometheus' fire as a primary analogy.
- Recognized by Medium's curators for its quality and advertised on its platforms behind a paywall.

Personal Website

HTML/CSS, Bootstrap 4

- Designed a personal website to store writing pieces and skills/interests portfolio.
- Implemented compatibility for devices of all different screen dimensions.

WORK EXPERIENCE

QA/Database Analyst Intern

Vancouver, BC

Hunter Dickinson

February - March 2019

- Employed statistical analysis on geochemical and geophysical data to find trends in mineral samples.
- Worked with inventory/data on Excel Power Query/MySQL to organize and produce statistical results and run tests.
- Researched and compiled findings from mineral deposits to create work report documents on the status of the deposit.

Assistant Teacher

Vancouver, BC

Kumon

January 2018 - August 2019

- Managed a classroom environment with 30 children, aiding students in both a classroom and one-on-one setting with math and language exercises.
- Learned how to communicate with various levels of understanding of technical subjects.

Ski Instructor

Vancouver, BC

Grouse Mountain

December 2017 - March 2019

- Worked with children and adults of varying levels. Developed leadership techniques and worked in class sizes of 1 to 9.
- Paired strong skiers with weaker ones to improve overall performance for both skiers.

SKILLS AND INTERESTS

Languages/Frameworks:	Node.js, JavaScript, Java, C++, HTML, CSS, Bootstrap, MongoDB
Software:	LaTeX, Microsoft Excel, Sony Vegas Pro
Interests:	Trombone/piano Playing, Creative Writing, Weight Lifting, Skiing

AWARDS AND SCORES

Canadian Computing Competition Distinction

University of Waterloo

Recognized for placing in the top 25% of all contestants.

March 2019

AP National Scholar (Canada)

College Board

Received 6 scores of 5 in Calculus, Physics I, Chemistry, etc.

March 2018

EDUCATION

University of Waterloo

Waterloo, ON

Candidate for Bachelor of Applied Science - Computer Engineering

Sep 2019 - April 2024

Nortel Networks Entrance Scholarship

President's Scholarship of Distinction