Jonathan Wang Math/BA 2023

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Summary of Qualifications

Languages: HTML, CSS, JavaScript, Python, C++, Scheme

Technologies: Git, Bootstrap, Adobe Premiere, Excel

Certifications: CPA: C++ Essentials, CNA: Networking Essentials, Bronze Cross

Projects

Personal Site

HTML, CSS Flexbox, CSS Grid, JavaScript

- Created mobile-friendly, responsive site built with HTML5 and vanilla CSS
- Designed Projects page with animated cards highlighting various JavaScript apps, such as a calculator designed to resemble the OSX calculator, and an app displaying live text metrics

Two Player Snake Python – TkInter, pygame

- Developed a snake video game for single player with leaderboard keeping track of scores
- Implemented a two-player game mode where players compete against each other in a deathmatch

Average Collector Swift

Built an iOS app that processes grades with weights and calculates the weighted average

Education

University of Waterloo

September 2018 - April 2023

Candidate for Bachelor of Mathematics in Mathematics/Business Administration

Experience

DECA Ontario — Hospitality Oral Trainer

October 2017 - March 2018

- Instructed a class of students in business knowledge weekly, resulting in 75+% class progression to provincial stage and an individual to internationals.
- Held one on ones to prepare students for case studies and exams during competitions
- Developed leadership skills and group management

ZOOM Student Film Festival — Secretary

January 2016 – May 2017

- Secured sponsorships for funding and other festival resources
- Recorded notes for every weekly meeting, then uploaded for general council in a timely manner
- Improved teamwork and communication skills

Hobbies

Leader in Online Communities

August 2017 - 2019

- Leader of a 25-man EVE Online team, leading both game-related and social activities
- Delegated and managed roles such as recruitment to other members

Claude Watson Certificate

September 2014 – June 2018

- Graduate of Claude Watson Film Arts Program
- Studied technical and creative aspects of film, learning video editing, scriptwriting, and storyboarding