

TALON JIN

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Summary

Skilled at functional and object oriented programming, with focus on front end development

Skills

Languages: Python, C, Java, Javascript, Racket, Git

Design: React, JSX, HTML, CSS

CS Fundamentals:

- Recursion
- Closures
- Currying
- Callbacks
- Abstract Data Types
- Binary Search
- Breadth/Depth First Search

Hackathons

StarterHacks, 2019
University of Waterloo

DeltaHacks, 2019
McMaster University

Awards

President's Scholarship of Distinction,
University of Waterloo
Top 10% CCC Senior
96% Entrance Average

Education

University of Waterloo
Honors Computer Science

Interests

Swimming, Basketball, Table-tennis, Photography, Traveling

Projects

Hackathon prof

Jan 2019

React, JS (ES6), CSS

- Wrote cryptography web app that highlights two simple substitution ciphers
- Dadadadsdaw

Cryptography Web App

Feb 2018

React, JS (ES6), CSS

- Wrote cryptography web app that highlights two simple substitution ciphers; Substitution and Vigenère cipher
- Educates user how plaintext turns into cipher-text
- Written with functional techniques using React

Words Per Minute Web App

May 2018

React, JS (ES6), CSS

- Developed simple words per minute application that lets users test their typing speed!
- Project utilizes similar components and structure to Cryptography Web App, demonstrating effective code reuse by using React components

Autonomous Vehicle - UofT DEEP Camp

Aug 2015

Vehicle Dev

- Programmed autonomous vehicles to detect and avoid obstacles based on sensor data in real time using Python and LEGO Mindstorms
- Deployed program onto LEGO Mindstorm vehicle

Arcade LoL - Digital Media Academy

Aug 2016

Game development with Python

- Programmed League of Legends mini arcade game with Pygame
- Integrated user input for keyboard and mouse

Work Experience

Chancellor Community Centre

Jan 2017 - Apr 2017

Swimming Instructor

- Taught many children of various levels including impaired swimmers the fundamental techniques of swimming and floating
- Integrated water safety lessons and games
- Communicated with parents regarding the swimmers strengths and areas of improvement