Luke Zhang

Sir John A MacDonald Secondary School

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GitHub: github.com/Luke-zhang-04

Stack Overflow:
https://stackoverflow.com/users/12370337/luke

Experience

K&K Cabinets and Countertops

Freelance Website/Web Application

- https://kk-cabinets.web.app
- Created a website for the company K&K Cabinets and Countertops using a combination of JavaScript, HTML, and CSS
- Used Firebase Realtime Database, Cloud Firestore, Firebase Storage, and Authentication
- Used Google Cloud Functions to create an admin site
- Used a combination of other libraries and frameworks, including Scrollmagic and Bootstrap
- Worked on front-end design and connections with Firebase

Skills

Python 3: Highly experienced; used in competitive programming and project situations.

Node JS: Highly experienced; used JavaScript and TypeScript to build Node applications.

Web development: Highly experienced; used a spectrum of tools such as HTML5, CSS, SASS, JavaScript/Typescript, and React to create static and dynamic web applications. Also has experience with CSS frameworks such as Bootstrap.

Firebase: Highly experienced; used Firestore, Firebase Storage, Google Cloud Functions, and user authentication to create web applications.

Shell Scripting: experienced; created useful applications with Bash scripting.

Other backend languages: experienced; used Golang and C++ in some competitive programming situations.

Clubs and Teams

- Debate club executive
- DECA
- Computer science club
- Mathletes
- Electric vehicle club
- Junior band

Achievements

Achieved **group 3 junior honour roll** in the 2020 **Canadian Computing Competition** with 71/75 points

FBLA Canadian National Leadership Conference 2019
- 2nd place overall for management decision making
- National Leadership Conference Qualifier

DECA Regionals 2019 (Waterloo)
- Top Ten for the multiple-choice exam
- Top Ten for case studies
- Third place overall
- Provincial Qualifier
- Business finance services category

Received an **Academic Excellence Award** at Sir John A. MacDonald Secondary School for the 2018-2019 school year

Achieved **distinction** in the following: Pascal Math contest, 2019; Mathematica Lagrange contest, 2018;

Achieved **distinction** and a **perfect score** in the Beaver Computing Challenge, 2018