

Michael Li

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github.com/pseudobear

SKILL SUMMARY

Front-end HTML, CSS, Javascript, Bootstrap, React.js

Back-end Java, Neo4j (graph database), Firebase

WORK EXPERIENCE

Instructor - *Northern Karate Schools Richmond Hill*

Nov 2018 - Present

- Taught classes of 25+ children ages 4-14 alongside 2-3 assisting instructors
- Conducted private evaluations for belt gradings and communicated the results with parents

PROJECTS

Instrument Sign-out Application - *Bayview Secondary School*

Nov 2019 - Jan 2020

- Developed a React.js web application with a firebase back-end to automate signing out school instruments

Gravitational Fields Simulation Game - *12U Physics Project*

Dec 2019 - Jan 2019

- Developed an HTML5 canvas web application in vanilla javascript as an entertaining and intuitive way to learn about gravitational fields

PicoCTF 2018 - *Computer Security Competition*

Oct 2018 - Oct 2018

- Solved internet security challenges involving decryption, reverse engineering and exploits

EXTRACURRICULAR ACTIVITIES

Band - *Bayview Secondary School*

Sept 2016 - Present

- Section leader of clarinets in the senior wind ensemble
- Played in all concert bands, chamber orchestra, symphony orchestra, wind quintet, junior jazz and senior jazz

Music Council - *Bayview Secondary School*

Sept 2019 - Present

- Founded the tech pod to develop and maintain software for the department (website and applications)
- Ran and organized # socials and department showcases at the Richmond Hill Center of Performing Arts

Rhythm Games - *Personal Hobby*

Sept 2015 - Present

- Achieve a rank of top 150 Canada in Osu! mania
- Played in several tournaments in Osu! standard