

JINHAO XIE

STUDENT/DEVELOPER

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17 year old motivated, diligent, and team-oriented software developer with a passion in technology and programming and its potential to solve the world's greatest challenges

▸ Skills

Python - expert

Java - intermediate

JavaScript - intermediate

React - intermediate

NodeJS - intermediate

Flask - beginner

HTML/CSS - intermediate

▸ Hackathons

Citizen Hacks

Starter Hacks

NSBE Hacks

Hack the Valley 4

▸ Education

A.Y. Jackson Secondary School

Sept. 2017 to June 2021

- Coding club member
- Engineers Without Borders member
- DECA club member
- Math club member
- Fitness club member

▸ Activities

Junior Achievement · Full stack developer

Oct. 2019 to Current

- Attend weekly meetings to discuss progress made by various departments
- Participate in the design and development process of the web app (currently has over 100 users)
- Hosted a League of Legends tournament (had 80 attendees)

NET Basketball · Assistant Coach

Sept. 2017 to Current

- Responsible for leading warm-ups and drills during practice
- Mentoring and teaching players one-on-one during skills workshops
- Working with the head coach in coaching technical skills to over 20 players per session

▸ Projects

Stackd

Oct. 2019 to Current

A looking-for-group web app platform with a focus on creating an inclusive and non-toxic gaming environment for underrepresented groups of individuals such as females. The project utilized a mix of React JS, HTML, CSS, Fast API, AWS, Riot API, and Flask, and development of the backend is still on-going.

YouTube Audio/Video Download

July 2019 to July 2019

An application that takes in user input in the form of YouTube links to videos or audio they would like to download. It does the downloading in real-time in front of the user, then saves the video or audio files in a file. The project utilized mostly Selenium (web-based automation tool) and PyGame (Python GUI).

Accenterate

Jan. 2020 to Jan. 2020

Utilizing Google Cloud's speech and text APIs to create a web app that helped users practice a North American accent. It took voice input from the user, utilized a holoalphabetic sentence as the prompt to be pronounced (to make sure all types of sounds and syllables would be included), then gave feedback after the Google Cloud APIs processed the speech le. Firebase was used to host the website.

▸ Volunteering

Canada Learning Code · Technical mentor

Feb. 2019 to Current

- Volunteered at workshops hosted for kids, teens, and women throughout Canada
- Helped teach technical skills to participants in small groups (both syntax and logic)
- Learned how to teach programming concepts to other people

Ontario Science Center ·
Recreational Program Volunteer

July 2018 to Aug. 2018

- Supervised and entertained children between the ages of 5 to 7 on a daily basis
- Worked in groups of camp staff and other volunteers to enforce rules and encourage positive behavior
- Communicated with the camper's parents and visitors of the Science Center