/ kewbish
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Emilie Ma

Based in Vancouver BC,
Canada.

Education

2021- *University of British Columbia*
- Selected as a prestigious Schulich Leader Scholarship recipient out of more than 1500 nominees nationally, one of ten 2021 Leaders at UBC, valued at $80,000
- Planning to pursue Honours Computer Science in the Faculty of Science

Selected Awards

2020 *Google Code-in Grand Prize Winner* ◦ *Liquid Galaxy*
- Google's largest programming contest aimed at younger teens.
- Selected as youngest Canadian Grand Prize Winner out of several thousand international participants.

2020 *Grant For The Web Grand Prize Winner*
- An international competition organized by Dev.to, Coil, Creative Commons, and Mozilla.
- Developed library to facilitate direct revenue sharing and streaming and web monetization standards

Experience

2021 *Summer Research School*
- A prestigious program for talented high-school researchers hosted by the HSSIMI
- Under Ms. Pressiana Marinova, conducted analysis on primality testing, probabilistic AKS, and other cryptographic applications - paper available here

2020- *vhHacks Organization Committee Member, Core Developer* ◦ *Current*
- A Vancouver-based high-school hackathon association.
- Led two Learn Day series of workshops on web development and organized 2021 hackathon for international high-school students.
- Responsible for designing website and event facilitation platforms, as well as creating the vhHacks Virtual Venue, a collaboration space for our 2021 main event

2020- *Liquid Galaxy Co-Mentor* ◦ *Current*
- Developing and maintaining core software (main visualization core, extension API)
- In summer 2020 and 2021, acted as a mentor for several Google Summer of Code students, providing feedback, testing code, and attending development meetings.

2019- *Canada Learning Code Teen Ambassador*
2021 - A Canadian non-profit organization aiming to spread technology to underrepresented groups and minorities in technology

Technical Skills

Web Development (HTML/CSS/JS - React, Vue) ◦ *API Development (Python, Flask, Firebase, Mongo, SQLite)* ◦ *SSG (Hugo, Nuxt)* ◦ *Linux / Unix Tooling*

diveintoht.ml
- A resource for web development basics, implemented in several high school CS curricula

revshare.js ◦ *Revshare for GitHub*
- Revenue streaming library, facilitating micropayments directly in-browser

more at GitHub.com/kewbish ◦ *https://kewbi.sh*