

KUAN YI WANG

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EDUCATION

Marianopolis College	Montréal, QC	May 2026
Diplôme d'études collégiales (DEC) in Health Honours Health Sciences		Overall R-Score: 37.325 Overall average: 91.437

TECHNICAL SKILLS

- Python
- JavaScript/Typescript
- Flask/React/Next.js
- HTML/CSS
- Google Firebase
- DaVinci Resolve

INDUSTRY EXPERIENCE

Neuropoly Polytechnique Montréal	Montréal, QC	June 2024 – curr.
<i>Software development intern</i>		

- Collaborated on the development of multiple projects using the 3DSlicer application.
- Developed the SlicerCART extension to 3DSlicer, optimizing segmentation/annotation speed of Magnetic Resonance Imaging (MRI) and Computed Tomography (CT) images by over 80% within the Neuropoly laboratory.
- Engaged with faculty members at CHUM/Polytechnique Montréal and attended weekly updates regarding the extension
- Engaged in code review and suggested features within the extension

Marianopolis College - MOSS	Westmount, QC	Sep. 2024 – curr.
<i>Student organization founder</i>		

- Founded MariOpenSource Society, the largest applied software development group at Marianopolis College
- Invited renown alumni in fields from robotics to machine learning as guest speakers in collaboration with the Programming Club, the Robotics Club and the Science Society
- Led personal portfolio design workshops to promote web development throughout the campus
- Led web design teams to provide school clubs with robust websites

Re:Pair Genomics	Vaughan, ON	Feb. 2024 – Apr. 2024
<i>Web development intern</i>		

- Led a team of web development interns to revamp the company website and increase visibility
- Designed company products page and managed complete backend including email automation and database management
- Attended lectures on company products including promoters involved in gene therapy

Personal projects

Piñata Pitch Tech Pitch Competition	Montréal, QC	Oct. 2024 – curr.
<ul style="list-style-type: none">• Co-founder of largest tech pitch competition targeting students based in Montréal• Led and collaborated with an ongoing team of 15 members and coordinated logistics of the event• Designed the entire automation system for participant signups and emailing using Google Firebase and Python• Directed marketing and outreach team, and successfully secured partnerships with Front Row Ventures, Technology & Entrepreneurship Center at Harvard University, FTEX and other local startups		

Tracks	Montréal, QC	Jan. 2025
<ul style="list-style-type: none">• Served as lead developer of Tracks, a Spotify extension that matches music rhythm with detected exercise• Used tools such as OpenCV, GumLoop API and Spotify API• Pitched in front of judges at McHacks, Québec's largest hackathon		

LingoLoom	Montréal, QC	Sep. 2023 – curr.
<ul style="list-style-type: none">• Served as lead developer of LingoLoom, a language learning app focusing on pronunciation• Used tools such as Flask, OpenAI-API, Deepgram-API and machine learning for voice pattern recognition• Deployed to entire school as final IB project for beta testing		