

KUAN YI WANG

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EDUCATION

Marianopolis College Diplôme d'études collégiales (DEC)	Montréal, QC	May 2026 Overall R-Score: 37.325
Honours Health Sciences	Focus Area: AI in Medical Imaging	Overall average: 91.8

TECHNICAL SKILLS

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|-------------------------|-------------------------|-------------------|
| • Python | • Google Suite | • DaVinci Resolve |
| • JavaScript/TypeScript | • HTML/CSS/Tailwind CSS | • OpenCV |
| • Flask/React/Next.js | • Google Cloud | • Figma |

INDUSTRY EXPERIENCE

Neuropoly Polytechnique Montréal <i>Research & Development Intern</i>	Montréal, QC	June 2025 – curr.
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- Trained and fine-tuned various nn-UNet models to automate the segmentation of spinal cord multiple sclerosis lesions on contrast and modality agnostic medical images.
- Contributed to SlicerCART, optimizing the segmentation and annotation speed of Magnetic Resonance Imaging (MRI) and Computed Tomography (CT) images by over 80%.
- Contributed to CART, a base class module for the open-source medical image computing platform 3DSlicer, to enable iteration through large medical image datasets and to streamline machine learning pipeline construction.
- Engaged in quality control of segmentation mask inferences on lesions in the spinal cord.

Re:Pair Genomics <i>Web Development Intern</i>	Mississauga, ON	Feb. 2025 – April 2025
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- Designed and revamped company website to highlight recent achievements and products.
- Refactored backend of website using cloud-based and serverless emailing solutions.
- Curated documentation for future development and future interns.

Community involvement

Piñata Pitch <i>Co-founder & Head of Communications</i>	San Francisco Bay Area, CA	Sep. 2024 – curr.
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- Co-founded the largest tech pitch competition based in Montreal.
- Co-organized unfounders, a hackerhouse promoting untraditional creator-founders .
- Designed the CRM system for 500+ students part of the Piñata Pitch community globally.
- Managed all collaborations with youth movements in Montreal, such as the Brave Hearts Alliance and Croix Rouge.
- Directed marketing and outreach team, and successfully secured partnerships with Front Row Ventures, Technology & Entrepreneurship Center at Harvard University, FTEX and notable influencers.

Personal projects

Tracks	Montréal, QC	Jan. 2025 – curr.
<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.		

Tempulse	Montréal, QC	Apr. 2025 – curr.
<ul style="list-style-type: none">• Served as lead developer of Tempulse, a productivity app focused around providing insights to time usage.• Launched to local community in Montreal, in alpha version.• Pitched and gathered waitlist at Shopify's Builder Sundays.		