

# Yiyi Rose Liu      Front-end web dev, UX, and accessibility

Creating online experiences that are beautiful, functional, and accessible. Pushing the boundaries of what web technologies can do. Interested and well-versed in a broad range of topics. Enjoys learning and trying new things.

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## Education

2014 – 2017: Carleton University. M.CS in Human-Computer Interaction

Thesis: *Disabled Gamers: Accessibility in Video Games*

2011 – 2014: McGill University. B.A. & Sc. in Cognitive Science, minor in English Literature

2009 – 2011: Marianopolis College. Arts and Sciences degree (DEC intégré)

## Skills

User analysis	HTML, CSS, and Javascript
Wireframes and mockups	Node.js and NPM
High-fidelity prototypes and proofs of concept	Angular
Web accessibility (WCAG, ADA, Section 508)	Photoshop, Sketch, Figma, and Adobe XD
Native speaker of English and Mandarin Chinese, working knowledge of French	

## Experience

2018 – Current: Creative Technologist at Gorilla Group

- Junior (2018 – 2020)
  - Creating platform-agnostic front-end solutions for various e-commerce clients
- Mid-level (2020 – 2021)
  - Integrating the front-end into various existing platforms
  - Development of internal applications, prototypes, and proofs of concept
  - Advocating for improved accessibility across the company's online projects and offerings
- Senior (2021 – Current)
  - Creating internal documentation and serving as the resident expert on web accessibility

2015 – 2016: Research Assistant at the Geomatics and Cartographic Research Centre, Carleton University

- Design of an alternate UI for the Nunaliit Atlas Framework
- Implementation for a tangible object and multitouch interface using TUIO

Summer 2013: Undergraduate researcher for the Prometheus Project, McGill University

- Theoretical exploration of AI motivation paradigms in ant-like life simulator

Summer 2012: Undergraduate researcher at the McGill Game Research Lab

- Created system for describing game narrative states using formal logic

2011 – 2014: Students Association of Cognitive Science

- Co-President (2013 – 2014)
  - Event organization and team management
- Webmaster and stream representative (2011 – 2013)
  - Creation and maintenance of a Wordpress-based website
  - Relay student concerns to the rest of the council

2011 – 2013: Director of Media for the National Integrative Research Conference

- Maintenance of event website in Wordpress and graphic design of promotional materials