

Kim Guo

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SKILLS

Languages: Java, Python, C, C++, R, Excel, SQL, HTML5, CSS3, JavaScript/TypeScript, React

Frameworks: NPM, Angular, Flask, Matplotlib, Numpy

Design/Development Tools: Figma, MockFlow, Adobe Illustrator, Blender, Git

PROJECTS

Airate | *HTML, CSS, PHP, JavaScript, SQL, Google Maps API, Figma*

- Collaborated in a team of 4 to create a **community-focused air quality tracking mobile web application**, features including account creation, a weekly leaderboard system, location tracking, and regional air quality and personal notes history.
- Designed and prototyped **5 pages** of the web app's UI/UX using Figma, creating a moodboard, low-fidelity wireframes, and a high-fidelity prototype with a **user-friendly and modern UI**.
- Programmed the designed pages using HTML, CSS, and JavaScript. Collaborated with team to integrate the front-end with the back-end database through PHP and MySQL.

fliprem! | *HTML, CSS, JavaScript*

- Designed and developed an educational, math-based matching card game web application with an **accessible, modern UI**.
- Programmed features such as card flipping CSS animations, pause and stop buttons, an in-game timer, a post-game screen with statistics and a replay button, and randomized selection and placement of the cards on the game screen.

Noted | *MockFlow, Figma*

- Designed an **AI-powered learning companion app** concept, including a calendar, task management, a stopwatch/timer function, and AI-powered practice sets and study insights features.
- Conducted **user research**, created user flows and website structure, and designed the **low-fidelity wireframes** and the **high-fidelity prototype** using Figma and MockFlow.

COMMUNITY

Hack the 6ix Organizing Team

November 2023 – Present

Design Executive

- Created **moodboards** and **low/mid-fidelity sketches** for the Hack the 6ix 2024 overall theme and design assets.
- Responsible for designing swag, design and website assets, as well as the hackathon website design process, including user research, creating user flows, wireframing, and prototyping.

UW CS Club Organizing Committee

August 2023 – Present

Designer, Community Representative Lead

- Organizing committee member and executive of Waterloo's CS club, which has **600+ members** each term and an online Discord community of **4000+ members**.
- Designed and produced several **graphic assets** to be posted on Instagram, Discord, LinkedIn, etc. for marketing purposes.
- Organized club swag logistics, from initial design to management of design asset creation and marketing.
- Analyzed survey response data, drafted, and edited content for the UWaterloo CS Class Profile website.

Bayview FBLA

June 2020 – June 2023

President

- Managed a business club of **70+ members**, leading teams of 9+ club executives and 15+ trainers. Organized both online and in-person club structures. Led trainer and member recruitment processes for **3+ years**.
- Managed club logistics, organized regular club-wide events; designed marketing PowerPoints and social media posts.

EXPERIENCE

Ontario Medical Imaging

July 2022 – August 2023

Receptionist

- Managed patients' medical imaging appointments and records using **Radiant RIS** and **Alembico EMR**, through telephone and in-person. Communicated with patients regarding appointments and inquiries in fluent English and Mandarin.
- Carried out examination preparation for x-ray, ultrasound, and mammography patients, including collecting and recording medical history, dressing them in examination gowns, and submitting completed scans to radiologists.

EDUCATION

University of Waterloo

September 2023 – April 2028

Honours Bachelor of Computer Science, Co-op | **GPA: 3.9/4, CAV: 88%**

- Coursework in algorithm design and analysis, imperative, functional, and object-oriented programming, data structures, script automation, developing tests, data analysis and visualization, linear algebra, calculus, probability, and statistics.