

KAICHENG YUAN

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[LinkedIn](#) | [Website](#)

UX/UI designer passionate about creating meaningful experience through visual and interaction design. Strengths in creativity, teamwork, and building projects from ideation to execution towards both users and business goals. Engineering background coupled with strong research skills and an eye for modern design principles, makes me a valuable addition to any team.

TECHNICAL SKILLS

Interaction Design, User Research, User Experience Interviewing, Research Insights and Analysis, Usability Testing, Information Architecture, Prototyping, Wireframing, Figma, Adobe XD, Webflow, HTML, CSS, Bootstrap, JavaScript, JQuery, Atomic Design, UI Grids and Composition, Color Theory, Heuristic Evaluation, Typography, Iconography, Storyboarding, Decision Flow Diagrams

TECHNICAL PROJECTS

[Thrive Kids](#) | [Webflow](#) | **Role:** Website design and development

Skills/Tools Used: User Research & Analysis, Wireframing, Prototyping, Usability Testing, Responsive Web Design, Typography, Mood Board, Style Tile, Color theory, Figma, Invision, Miro, Webflow

- Conducted user research by interviewing and surveying potential users
- Synthesized the user insights and defined the problem statements
- Created the user flow and mid-fidelity wireframe in Figma
- Iterated the design based on usability test results and constructed the High-fidelity prototype
- Added UI elements to the design and constructed the style tile
- Successfully developed the front and secondary pages on Webflow

[Canada Energy Regulator](#) | [Prototype](#) | **Role:** UX/UI design, information Architect

Skills/Technologies Used: Insight synthesis, Persona Creation, Usability Testing, Guerilla testing, A/B Testing, Card Sorting, Information Architecture, Wireframing, Prototyping, Responsive Web Design, Typography, Mood Board, Style Tile, Heuristic Evaluation, Figma, Invision, Miro

- Conducted Guerilla test and synthesized the user insights
- Constructed sitemap using website card sorting results
- Conducted heuristics evaluation and color accessibility test on the original website
- Drafted the low-fidelity mobile and desktop wireframes for users to test
- Iterated the design with user feedback and style tile
- Successfully delivered the high-fidelity mobile and desktop website prototypes

[EZcape App](#) | [Prototype](#) | **Role:** Product design, UX/UI design

Skills | Technologies Used: User Research (Interviews + Surveys) & Analysis (Empathy Map + Affinity Map), Persona Creation, User Experience Design (UI/UX), Interaction Design, Prototyping, In-Person User Testing, Fi

- Collected and synthesized interview and survey data
- Defined problem statement and user persona
- Prioritized the features using prioritization matrix
- Designed the user flow with a user scenario
- Created low-fidelity wireframe and conducted usability test
- Iterated the design with user feedback and UI elements
- Presented the final high-fidelity prototypes to potential users

WORK EXPERIENCE

Product Engineer

Demon Powersports - Markham, ON

April 2017 - Present

Markham, ON

- Take design directions from project manager to design mechanical product, including 3D concept, 3D design, 2D drawing and validation
- Work autonomously to maintain product design models and drawings in SolidWorks
- Communicate with oversea office and suppliers on project quotations, technical matters and production timelines
- Work on SaaS platform on a daily basis to upload data and maintain product catalogs
- Troubleshoot production, quality and equipment issues
- Assist during the product launch, seminars, exhibitions and presentations

EDUCATION

Certificate, UX/UI

University of Toronto School of Continuing Studies, Toronto

2021

Bachelor of Applied Science, Mechanical Engineering

University of Windsor, Windsor

2016

Certificate, CSWA

Certified SOLIDWORKS Associate in Mechanical Design, Dassault Systèmes

2020