

KAICHENG YUAN

Phone: (226) 348-0103 | Email: kcyuan93@gmail.com | Markham, ON, L6B 1G6 |

LinkedIn: <http://www.linkedin.com/in/kaicheng-sam-yuan-73386769> | Website: www.kaicheng.design

UX/UI design professional 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

HTML, CSS, GitHub, Bootstrap, JavaScript, JQuery, Atomic Design, Webflow, UI Grids and Composition, Color Theory, Heuristic Evaluation, Typography, Interaction Design and Iconography, Storyboarding, Decision Flow Diagrams, User Need Identification, User Experience Interviewing, Persona Creation, Insight Synthesis, Figma, Adobe XD, Mechanical Design, Solidworks, Photography

PROJECTS

Website design and develop | [Thrive Kids - https://www.kaicheng.design/caseStudy_2.html](https://www.kaicheng.design/caseStudy_2.html)

A hub that allows parents of young children to filter their choice of activities by age, distance and cost that helps them keep their children busy and engaged, in turn helping their kids thrive.

- Skills | Technologies Used: User Research (Interviews + Surveys) & Analysis, User Experience Design (UX-UI), Interaction Design, Wireframing, Prototyping, In-Person User Testing, Responsive Web Design, Typography, Mood Board, Style Tile, Color theory, Figma, Invision, Miro, Webflow

Canada Energy Regulator Website Redesign | [Canada Energy Regulator - https://www.kaicheng.design/caseStudy_4.html](https://www.kaicheng.design/caseStudy_4.html)

The goal of this project is to redesign the responsive web pages for a government website to Improve it's usability on both mobile and desktop devices.

- Skills | Technologies Used: User Research (Interviews + Surveys) & Analysis, Mobile User Experience Design (UX-UI), Interaction Design, Wireframing, Prototyping, In-Person User Testing, A/B Testing, Card Sorting, Information Architecture, Responsive Web Design, Typography, Mood Board, Style Tile, Heuristic Evaluation, Figma, Invision, Miro

UX Design Project | [EZcape App - https://www.kaicheng.design/caseStudy_1.html](https://www.kaicheng.design/caseStudy_1.html)

The aim of this project was to design a travel mobile app to help users with limited planning time and budget to organize and plan their trip efficiently that meets their social media exposure needs and budget requirements

- 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, Figma, Miro, Google forms

Garden Plate (Recipe Mobile App) | [Garden Plate - https://www.kaicheng.design/caseStudy_3.html](https://www.kaicheng.design/caseStudy_3.html)

Garden plate is a mobile app that focuses on finding recipes for limited ingredients and limiting food waste, the goal is to help our users repurpose the ingredients they already have while providing them with easy to cook recipes that don't require a lot of time or skills

- 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, Figma, Miro, Invision

WORK EXPERIENCE

**Demon Powersports - Markham, ON
Product Engineer**

April 2017 - Present

- Design product (All-Terrain Vehicle Parts and accessories), including 3D concept, 3D design, 2D drawing and validation
- Maintain product design models and drawings in SolidWorks
- Ensure that clear, concise, and accurate product specifications including BOMs, routings, drawings, and work are maintained
- Communicate with oversea office and suppliers on project quotations, technical matters and production timelines
- Investigate and identify cost reduction opportunities through production cost analysis review
- Monitor and review data and information to detect or assess problems
- Develop timely and cost effective solutions for customer related engineering issues where applicable
- Troubleshoot production, quality and equipment issues
- Assemble/disassemble sample car components for development and testing
- 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