

Dongkai Xie

Front-end Web Developer
User Experience Engineer

Portfolio

www.davidxie.net

LinkedIn

www.linkedin.com/in/david-xie-dongkai

SKILLS & TOOLS

Web and Front-end Development

Responsive website design
React | Vue | Bootstrap
D3.js and Anime.js framework
Android application front-end development

Programming & Data Analysis

Fundamental data structure and algorithm
Code in Java, Kotlin, Python, and R
and conduct data processing
Information visualization

Human-Computer Interaction

User interface design
Competitive Analysis
Usability and A/B testing
Voice-first information system design
Software prototyping

Design Tools

Figma | Marvel | Voiceflow
Photoshop | Illustrator | InDesign

WORK ETHIC

Active Participant

Project oriented
Responsible and supportive teammate
Focus on detail
Open to new methods, ideas, and thoughts
Divergent solution brainstorm

Team Leadership

Group Project Coordinator
Student Activity Planner

EDUCATION

University of Washington

B.S. Informatics (Software Engineering & Human-Computer Interaction)

GPA: 3.9 (Dean's List) | Seattle, WA

Sep 2019 – Jun 2023

EXPERIENCE

UX Research Assistant

University of Washington | Seattle, WA

Participating in Design Awareness App and Community Disaster Resilience App's research group that conducts usability testing, providing insightful recommendations to improve these Apps.

Jan 2021 – Present

Front-end Web Developer / UX Engineer (intern)

Meituan | Beijing, China

Focus on the site design and development of Meituan Enhanced Hybrid (EH) framework's internal website for company's front-end engineers. Meituan is the Chinese most influential food and life-style internet platform.

Jul 2021 – Sep 2021

Cisco System Engineer (intern)

Cisco Beijing | Beijing, China

Completed a Competitive Analysis on WebEx and competitor's solutions, presented to manager. Focused on Cisco's HyperFlex and Collaboration (WebEx) products.

Jul 2019 – Aug 2019

VOLUNTEERING

Website Designer and Developer

UW Organization of Hua Classmate | Seattle, WA

Designing the organization's UW Course Evaluation website (uwclassmate.com) by conducting Competitive Analysis on similar web applications. Collaborating with engineers to develop this website using React framework.

Jun 2020 – Present

PORTFOLIO PROJECTS

Airplane enthusiast information website

Design and code www.AeroView.site that presents airplane's technical information for aerospace enthusiasts. Users can visit it to browse, filter, and compare airplanes.

UW Canvas Student Group

Design a Student Group Module for UW Canvas LMS system, intend to facilitate university students' learning and socialization in online classroom.

Voice-first smart TV appliance

Research and prototype an intuitive voice user interface to make a smart TV accessible by the elderly. Users can control their TV and watch shows from different providers.