

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
Experience with Firebase back-end
Android application front-end development

Programming

Data structure and algorithm
JavaScript, Java, and Python (advanced)
C, C++, and Kotlin (introductory)
Software Design and Architecture

Data Science

SQL Database Programming
Data Analysis through R and Tableau
Information visualization

Human-Centered Design

User interface design
Usability and A/B testing
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

Sep 2019 – Mar 2024

B.S. Informatics (Software Engineering, Information Architecture, and HCI)

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

EXPERIENCE

Front-end Research Assistant

Sep 2021 – Present

University of Washington | Seattle, WA

Coding a Firefox browser extension to capture study participant's sites visiting behaviors for the YouTube misinformation research study.

Front-end Web Developer / UX Engineer (intern)

Jul 2021 – Sep 2021

Meituan | Beijing, China

Focus on the site design and development of Meituan Enhanced Hybrid (EH) framework's internal website (using Vue.js, Anime.js and D3.js frameworks) for company's front-end engineers. Meituan is the Chinese most influential food and life-style internet platform.

UX Research Assistant

Jan 2021 – Jun 2021

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.

Cisco System Engineer (intern)

Jul 2019 – Aug 2019

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.

VOLUNTEERING

Website Designer and Developer

Jun 2020 – Present

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.

PORTFOLIO PROJECTS

Airplane enthusiast information website

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