

XINLIN HE

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🌐 xinlinhe.com

📍 Seattle, WA

EDUCATION

University of Washington - GPA: 3.83

Bachelor of Science in Computer Science

📅 September 2021 - December 2023

Specialization :

- Front End Development, UI/UX Design, Mobile-First and Responsive Design, Performance Optimization, Advanced Front End Technologies, Version Control and Collaboration, Professional Development

WORK EXPERIENCE

Juliette

Front End Engineer

📅 Feb 2024 - August 2024 📍 Seattle, WA

- Self-driven in building and maintaining an e-commerce web application for merchants using React, JavaScript, and Next.js.
- Implemented responsive and adaptive designs using Tailwind CSS, Material UI, and Headless UI to ensure a consistent user experience across devices.
- Integrated front-end components with Firebase backend services to enable real-time data synchronization and efficient data management.

Juliette

Product Prototype Engineer

📅 April 2024 - August 2024 📍 Seattle, WA

- Collaborated on a committed, flexible, and diverse cross-functional team to develop and iterate product prototypes using Figma and Miro, applying technical expertise to streamline visualization and improve design accuracy.

Aeyesafe

Front End Developer

📅 Feb 2024 - April 2024 📍 Seattle, WA

- Designed, implemented, and tested APIs for robust database interactions, ensuring seamless integration and functionality within web applications.
- Collected and analyzed data from hardware devices, then efficiently transmitted it to databases using Google Cloud Platform.

Easy Event Planning

Data management/Analytics Intern

📅 Jan 2024 - Mar 2024 📍 Seattle, WA

- Reduced data error rate by 30% for event vendor database by implementing automated data collection, deduplication, and a categorization system.

Lavner Education

Information Technology Intern

📅 June 2022 - Sept 2022 📍 Seattle, WA

- Instruct 200+ students on programming, covering coding topics such as variables, logic, loops, control structures, conditional statements, and GUI development. Hold camp on turbo space programs and basic biology.

SKILLS

- JavaScript, TypeScript, Java, C, C++, Python
- HTML5, CSS3, React, NPM, Next.js, VUE, Redux, RESTful API, Axios, Node.js, Spark, MySQL, Figma, CI/CD, Git, Scrum

CERTIFICATION

AWS Certified Solutions Architect – Associate

- Demonstrated expertise in AWS core services (DynamoDB, CloudFront, VPC), cloud architecture, and best practices for scalable, secure applications, with additional tools such as Kubernetes, Kafka, Elasticsearch, CloudWatch, and IAM for security management.

Front-End Web Development Boot-camp

📅 April 2024 – June 2024

- Gained skills in responsive design, cross-browser compatibility, API integration, state management, and testing. Developed hands-on experience in building optimized, accessible applications with a focus on UI/UX and software development best practices.

PROJECTS

COVID 19 Classroom Planner

Python, App Script

- Developed a planner to schedule 150 classes in classrooms, saving registrars from two weeks of manual class sorting.

Custom Search Engine

C/C++, HTTP, socket.io

- Developed two custom search engines from scratch with self-designed data structures.
- Integrated server socket for an interactive user-querying application.

Campus Map Navigator

TypeScript, Java, HTML, React.js, Spark

- Developed a full-stack web app for University of Washington campus navigation.

Gastronomic Review Insights

Python, Tableau, PyTorch, Matplotlib

- Analyzed restaurant data to determine factors impacting popularity and customer ratings, aiding decision-makers and diners.

SeamCarver Image Processor

- Developed a java application for image resizing while preserving critical content.

Travel Social App

Swift, Xcode

- Developed an app for iPhones to share photos, write reviews and other social purposes.