

XINLIN HE

🌐 xinlinhe.com

in linkedin.com/in/lin-xinlin-he

@ linhe.xinlin@gmail.com

✉ 5035 15th Ave. NE, Seattle, WA, 98105

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

WORK EXPERIENCE

Juliette

Software Engineer

📅 Feb 2024 - August 2024 📍 Seattle, WA

- Built and maintained 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 cross-functional team to develop and iterate product prototypes using Figma and Miro, applying technical expertise to streamline visualization and improve design accuracy.
- Led product research on Apple Vision Pro, leveraging data analysis and market insights to inform strategic direction and optimize product design for competitive advantage.

Aeyesafe

Software Engineer Intern

📅 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, Next.js, VUE, Redux, ContextAPI, Axios, Node.js, Spark, MySQL, Figma, CI/CD, Git, Scrum

SKILL DEVELOPMENT

AWS Certified Solutions Architect – Associate (in progress)

📅 Expected completion: December 2024

- Studying for certification.
- Gaining proficiency in AWS services, cloud architecture design, and best practices for scalable, secure, and reliable applications.

Front-end Web Development Boot-camp

📅 April 2024 – June 2024

- Completed an intensive 8-week program focused on modern web development technologies.
- Gained hands-on experience with HTML, CSS, JavaScript, TypeScript, React, Node.js.

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.