XINLIN HE

xinlinhe.com   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 :
- Software Engineer Fundamentals, UI/UX Design, Performance Optimization, Front-End Technologies, Version Control and Collaboration

WORK EXPERIENCE

Juliette
Software Engineer

📅 Feb 2024 - August 2024   📍 Seattle, WA

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

Juliette
Product Marketing Associate

📅 April 2024 - August 2024   📍 Seattle, WA

- Developing product prototypes with Figma and Miro, streamlining concept visualization and facilitating effective cross-functional team.
- Leading market research on Apple Vision Pro, leveraging data analysis to guide ongoing product strategy and design, enhancing competitive positioning.

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

- Java, C, C++, JavaScript, TypeScript, Python
- AWS, GCP, CI/CD, Git, Scrum
- MySQL, SQL, React, Node.js, Spark

SKILL DEVELOPMENT

AWS Certified Solutions Architect – Associate (in progress)

📅 Expected completion: Nov 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 Bootcamp

📅 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.