Hao Jin

1006 Congress St, Portland, ME 04102 | +1 9296287867
jin.hao1@northeastern.edu | linkedin.com/in/lucasjinhao

EDUCATION

Northeastern University, Maine, US   Sep 2022 - Present
Khoury College of Computer Sciences
Master of Science in Computer Science
Related Courses: Programming Design Paradigm, Algorithms, Mobile App Development

Kean University - Wenzhou, Wenzhou, China   May 2021
Bachelor of Science in Computer Science (Minor: Mathematics)
Related Courses: Data Structures, Algorithms, Object Oriented Analysis, HCI, DBMS, Computer Architecture

TECHNICAL SKILLS

Programming	Java, HTML/CSS, JavaScript, Python, C, MySQL, Swift, Latex.
Frameworks &Tools	Hadoop, Git, Firebase, Docker, Azure, Figma.

EXPERIENCE

Kean University - Wenzhou, Wenzhou, China   Jul 2021 - Dec 2021
Tech Assistant
- Constructed an internal website for university's polytechnic labs operating HTML, CSS, JavaScript, resulting in a 30% increase in lab usage and a nearly 30% reduction in wait time.
- Designed and implemented a lab access exam system, including random exam generation, exam grading, and issuance of lab access permits, resulting in an almost 80% reduction in administrative workload.
- Coordinated with external IOT companies to perform large-scale IOT systems for university's labs.

Yoyo Sports, Wenzhou, China   Jul 2019 - Sep 2019
Software Engineering Intern
- Developed a WeChat app using Java, HTML and CSS, resulting in a 30% increase in deal closing.
- Accomplished key features such as product browsing, product content display, and in-app chat functionality.
- Associated with backend team to integrate APIs and databases, and to ensure a seamless user experience.

PROJECTS

Android Studio Project | Java, Android Studio, Firebase   Spring 2023
- Designed and developed an Android application using Java, utilizing Firebase Realtime Database to provide a real-time search experience allows users to easily find recipes based on available ingredients and dietary needs.
- Implemented Firebase authentication and authorization, and applied Firebase Cloud Messaging for push notifications.
- Tested app using JUnit and Firebase Test Lab to ensure its functionality on multiple devices and configurations.

Map Reduce Project | Hadoop, Map-Reduce, Azure   Summer 2020
- Completed an individual project deploying Microsoft Azure, Hadoop Cluster, and Map-Reduce distributed system to analyze a large dataset of user behaviors.
- Generated insights on user behavior patterns, user preferences, and user engagement.
- Optimized data processing and analysis workflow to reduce computational costs and improve performance.

Hackathon Project Leader | Swift   Spring 2020
- Led a team of developers to create a face recognition-based iOS application for occupancy management of public study areas in a school during a hackathon competition.
- Constructed innovative features such as facial recognition and geolocation-based tracking to accurately and efficiently manage occupancy of study areas.
- Demonstrated strong leadership and coordination skills, delegating tasks and meeting project deadlines.