

Hongda Lin

lin.3235@osu.edu | 1629 Lennox Flat, Globe St, OH 43212 | 614-537-7582

OBJECTIVE

Seeking an entry level full stack engineer position utilizing programming skills gained from projects and courses, available starting May 2023, open to relocation.

EDUCATION

The Ohio State University, Columbus, Ohio
B.S. Computer Science and Engineering
Honors: Dean's List (>3.5 GPA) 8 semesters

Expected Graduation: May 2023
GPA (4.00 scale): 3.827

QUALIFICATIONS

- Portfolio: <https://hongdalin.me/>
- Skills: Full Stack Development, Mobile Application Development, Database Design, Data Visualization, Game Development, and UI Testing.

ENGINEERING WORK EXPERIENCE

hireEZ, Mountain View, CA

May - August, 2022

Full Stack Engineer Intern

Experience: Event Tracking System, June - August, 2022

- Assisted in the development of the event tracking system to help BI team analyze user preferences and activities within the site.
- Implemented user session analytics and log service throttling in developing the event tracking system.
- Designed an automatic testing framework for UI testing on the event tracking system using Playwright.

Experience: Jira Creator UI, May - June, 2022

- Developed a Jira ticket automation web app to help BI teams automate the process of creating tickets.
- Implemented a React Checkbox Tree component that utilizes AWS S3 schemas to generate ticket templates with multi-leveled parenting and indeterminate state.
- Improved BI team efficiency by decreasing 40% tickets reporting time through upgrading the reporting tools from Excel to Jira.

PROJECT EXPERIENCE

Senior Capstone: Software Development

January - April 2023

Project Demo: <https://www.youtube.com/watch?v=l78ShugcO8w&t=5s>

- Participated in the development of a non-profit medical fund project called Affordable.
- Improved Login and Registration pages with input checking and dynamic password creation feedback.
- Addressed issues with email verification by correctly storing and updating verified email on both AWS Cognito and local MySQL database.
- Design UI test scripts to simulate users applying for health benefits, while monitoring the correct transfer on the Stripe side.

Senior Project: Mobile Application Development

September - December 2022

Project Demo: <https://github.com/Hongda-OSU/CSE5236-Buckeye-Schedule>

- Worked on an Android application that helps college students keep schedules.
- Deployed a Firestore database service and stored user data in the cloud.
- Functionalized mobile phone internal services, such as camera photoing and notification service.
- Implemented different non-functional requirements, including user permission checking, multi-language supporting and UI testing.