
JACK HUANG – SOFTWARE DEVELOPER

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PROJECTS SUMMARY

Idle Sort:

Managed a team of 6 developers to create a web application game to allow players to learn and visualize sorting algorithms. Held weekly meetings following Agile methodologies, created RESTful APIs, followed testing methodologies using Jest. Utilized GitHub for CI/CD and version control. Created with the Next.js framework as well as PostgreSQL, and deployed on the cloud

KSwap:

Constructed Frontend of an Android mobile application to pioneer a new social platform to target a million dollar market and allow users to communicate and trade K Pop photo cards. Followed Agile methodologies and utilized SCRUM to work alongside a team of four developers. Created using Android Studio, designed using Figma, tested using Junit and Espresso, tracked using Git, and utilized CI/CD with GitLab.

Dutch Cross Country Results:

Created a results page for MOC-FV High School, enabling parents, athletes, and coaches to view decades of meet results for hundreds of athletes, also allowing coaches to input data. Created using PHP and MySQL within the LAMP stack, expediting the process to view results from days to minutes.

A8 Chinese Restaurant Website:

Developed and launched the A8 Chinese Restaurant website, leveraging the LAMP stack and MySQL for hundreds of customers to access accurate information on menu items.

SKILLS

- Programming (Java, JavaScript, Python, C, PHP)
- Front-End Development (Android Studio, React, Redux, HTML, CSS, Next.js)
- Back-End Development (Flask, Spring, RESTful APIs, Next.js)
- Full-Stack Development (LAMP/WAMP Stack)
- Databases (SQL, MySQL, PostgreSQL)
- Design (Figma)
- Spanish Communication
- Version Control System (Git, GitLab, GitHub)
- Testing (Junit, Espresso, CI/CD)
- Bash Terminal (Unix/Linux)
- Software Development (SCRUM / Agile)
- Design & Analysis of Algorithms
- Build Tools (Gradle, Maven)
- Machine-Level Programming (Assembly)
- Employee Relations and Management

EDUCATION

Bachelor of Science: Computer Science, Expected in 05/2026

Minor: Spanish, German

Iowa State University - Ames, IA || **4.0 GPA** || **House President 2022-2023** || **Dean's List F22, S23, F23, S24, Highest 2% Junior**

Relevant Coursework:

- Intro to Data Structures
- Design & Analysis of Algorithms
- Software Development Practices
- Advanced Programming Techniques (C)
- Intro to Database Management Systems (SQL)
- Object-Oriented Programming (Java)
- Intro to Computer Architecture and Machine-Level Programming (LEGV8 Assembly)
- Principles of Programming Languages

WORK HISTORY

Waiter, 07/2018 – Current | **A8 Chinese Restaurant** – Williamsburg, Iowa

- Supervised a dozen co-workers to be knowledgeable in company policy and procedures, improving team performance
- Communicated with and established trust with hundreds of patrons via telephone
- Enhanced customer engagement by developing an interactive menu on the restaurant's website to allow hundreds of customers to access information

Host, 05/2023 - 07/2023 | **Epping Forest Yacht And Country Club** – Jacksonville, Florida

- Elevated guest experience by providing prompt and courteous with five-star level hospitality service.
- Streamlined front desk operations to boost overall efficiency and guest feedback, cutting times by 20%.
- Ensured a welcoming atmosphere, contributing to a positive dining environment for over a hundred members.
- Managed hundreds of customer reservations efficiently, enhancing dining satisfaction.