

KHANG CHUNG

Full Stack Developer

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EDUCATION

HOUSTON COMMUNITY COLLEGE | Houston, TX

Aug. 2020 – May 2021

3.44 GPA

UNIVERSITY OF HOUSTON | Houston, TX

Aug. 2021 – Dec 2025

Bachelor's in computer science, Minor in Math

PROJECTS

COOG ZOO | Javascript, React, Vite, MySQL, HTML, CSS, Git

Aug 2024 – Nov 2024

- Developed a full-stack application for managing zoo animals, customers, employees, tickets, reports, and gift items
- Fully hosted database using AWS as well as frontend and backend using Vercel
- Implemented user and admin control features, allowing different levels of access and permissions
- Key features: Fetch, add, modify, and mark data for deletion directly from frontend

VOLUNTEER MATCHING SYSTEM | Python, Django, React, HTML, CSS, JSON, Postgresql

Aug 2024 – Nov 2024

- Full-stack application for managing, registering, and view volunteer activities
- Add user and admin control, letting users to only view and register

MINECRAFT MOD | JSON, Java, Minecraft Forge API, Aseprite, IntelliJ

May 2024 – April 2025

- Developed custom Minecraft blocks and items with unique properties and functionalities using Java
- Designed and created custom sprites for in-game assets using Aseprite
- Implemented block mining properties, loot tables, and crafting recipes using JSON
- Added quality-of-life features such as craftable elytra and transmuting items or blocks

PORTFOLIO | React, HTML/CSS, JavaScript, GitHub Pages

March 2025 – April 2025

- Personal website showcasing every project I have worked on
- Hosted using GitHub Pages

ACTIVITIES

HACKATHON | WATT WATCH | Python, Flask, BeautifulSoup, JavaScript, HTML/CSS

April 2025

- Led a team of 5 to develop real-time dashboard to monitor Texas power grid and gives a warning if under stress
- Implemented web scraping with Python to extract and process live grid load data from ERCOT
- Built a Flask backend API to serve processed data with threshold alerts to a responsive frontend
- Add customizable threshold with persistent storage (JSON) for different sessions

SKILLS

- Programming Languages: HTML/CSS, Java, Python, C++, JavaScript, R, Node.js | MySQL, Postgresql, JSON
- Framework: React, Vite, Flask, Node.js, Django
- Tools: Git, GitHub Pages, AWS, VS Code, Eclipse, Vercel, IntelliJ, Aseprite
- Coursework: Data Science, Statistics, Data Structures, Algorithm, Operating Systems, Software Design, Database Systems, Computer Architecture, Digital Imaging Processing

ADDITIONAL ACTIVITIES

VOLUNTEER | PIANO PERFORMANCE

- Performed for residents in various retirement homes
- Volunteered as a performer for a music master's degree student's critique assignment