

Kao Saechao

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GitHub: github.com/kasaechao

EDUCATION

BS in Computer Science, Graduation Year 2023

Oregon State University, Oregon

GPA: 3.95

BS in Chemical Engineering, Graduation Year 2015

University of California San Diego, La Jolla

SKILLS

Programming Languages: Python | C | JavaScript | HTML | CSS

Technology: React | Pygame | NodeJS | Express | SQL | SAP

PROJECTS

CS344 Operating Systems Project/Smallsh | github.com/kasaechao/CS344_smallsh.git

Terminal program written in C to replicate the terminal. The program runs on the command line and executes the basic commands such as 'ls', 'mkdir', 'ps', etc. The program will allow for continuous forking of child processes ad foreground and background, with the parent reaping the background child processes as the finish.

OSU Fall '21 Hackathon/ Greenhouse Invaders | github.com/kasaechao/Greenhouse-Invaders.git

Submission for the 2021 Fall hackathon hosted by Oregon State on the topic of environment and sustainability. Worked in a team of 5 to design and program a game based on Space Invaders. The game was programmed in Python and utilizes the Pygame library.

Personal Portfolio Website | kasaechao.github.io/KaoSaechao/

Personal website written in JavaScript, HTML, CSS, and using the React library. The personal website showcases me and my past projects. There are example apps built and contains the Github links to each.

EXPERIENCE

McGraw Hill, Irvine, CA | Content Programmer | 03/2022 – Present

- Design programming solutions to math and science problems to be displayed in a friendly format to users
- Communicate with content writers, QC and tools team to resolve bug issues
- Create and update documentation for the new products used in implementation

Solaris Paper, Moreno Valley, CA | Manufacturing Process Engineer | 07/2018 – 01/2021

- Improved tissue manufacturing line to reduce changeover time and overall downtime
- Designed and mistake proof glue dispensing system resulting in improved safety and glue spill elimination
- Streamlined and coordinated changeover activities by providing direction and instructions to operation staff
- Developed vendor and supplier relationships to identify potential equipment upgrades
- Worked closely with Production to identify improvement opportunities and line efficiency

Ingredion, Stockton, CA | Chemical Process Engineer | 05/2016 – 07/2018

- Developed, proposed, and implemented process improvements for a corn wet milling manufacturing
- Led and recommended PM opportunities through shutdown planning
- Monitored and maintained acceptable product quality standards using control charts
- Trained operating staff on troubleshooting, equipment best practices, and new processes
- Improved dry starch performance resulting in 20% increased annual production
- Improve centrifuge operation resulting in improved efficiency and increased gluten recovery