

# Kao Saechao

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## **EDUCATION**

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### **Oregon State University**

**Aug 2020 – Dec 2022**

B.S Computer Science, GPA 4.0

### **University of California, San Diego**

B.S Chemical Engineering

## **RELEVANT EXPERIENCE**

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### **Process Engineer – Solaris Paper**

**Sep2018 – Jan 2021**

- Improved tissue manufacturing line to reduce changeover time and overall downtime
- Designed and implemented 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

### **Process Engineer – Ingredion Inc.**

**Jun 2016 – Sep 2018**

- Monitored and maintained acceptable product quality standards through statistical process control and continuous improvement projects.
- led operations training, troubleshooting and equipment related issues by using resources such as process knowledge, practical experience, literature and technical assistance from vendors.
- Improved and maintained dry starch improvements to meet production demands which resulted in 20% increased annual production

## **RELEVANT SKILLS**

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- **Programming Languages** – Python, HTML, CSS, JavaScript, SQL
- **Technology** – React JS, DOM API, REST API, PyGame, Express JS, Networking,

## **PROJECTS**

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### **OSU Fall '21 Hackathon – Greenhouse Invaders**

Github Repo.: [github.com/kasaechao/Greenhouse-Invaders](https://github.com/kasaechao/Greenhouse-Invaders)

- Tech Used: Python, Pygame
- Description: Space Invaders inspired game the OSU hackathon on climate and energy.

### **Movie Recommender**

Github Repo: [github.com/kasaechao/CS361.git](https://github.com/kasaechao/CS361.git)

- Tech Used: JavaScript, React JS, HTML, CSS
- Description: Web application that recommends a movie to the user utilizing microservice built by teammate

### **Janggi Game**

Github Repo.: [github.com/kasaechao/Janggi](https://github.com/kasaechao/Janggi)

- Tech Used: Python
- Description: Implementation of the popular Korean board game Janggi