

# DAJUN GU

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## PROFILE

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Computer science student with software engineering experience and computer system knowledge. Successfully implemented web page game and command line delivery system. Improved XV6 system based on PSU version. Strong writing skills, fluent in English, and expert in Chinese.

## EDUCATION

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**Portland State University**

*Fall 2017 - Summer 2020*

B.S. in Computer Science

Major GPA: 3.73   Overall GPA: 3.57

## PROJECTS

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**XV6 System**

Spring 2019

*Developer*

- Improved XV6 system based on PSU version.
- Created new system calls to represent system states and change processes information.
- Encouraged processes transfer algorithms, resulting in faster response time and avoid deadlock.

**Space Hunt Game**

Winter 2019

*Developer*

- Developed a web page game based on JavaScript.
- Saved or loaded previous data when close or open new web page.
- Customed game all settings in developer mode.
- Received notifications and showed current states.
- Contributed teamwork by testing codes and fixing bugs.

**Delivery System**

Spring 2018

*Developer*

- Developed a command line delivery system that solves multiple packages one time.
- Calculated the shortest route automatically for multiple different destination packages.
- Delivery packages by multiple methods, such as car, drone, and express.

## EXPERIENCE

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**Chunyu Volunteers Association**

Fall 2016 - Spring 2017

*Volunteer*

*Changchun, China*

- Encouraged older life by taking the daily necessities to the nursing home.
- Helped poor children by giving warm clothes.

## STRENGTHS

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**Computer Languages**

C++, JAVA, Python, C, JavaScript

**Tools**

Vim, Emacs, IDEs

**Languages**

Chinese (First Languages), English (Second Languages)