



# Yitian Gao

## Software Engineer Intern

College junior with proficient computer science and leadership skills seeking full time internship for summer 2024.

[Website](#)

[Github](#)

## Contact

### Phone

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### Address

## Education

Est. May 2025

### Bachelor of Science- Computer Science

*Purdue University- West Lafayette*

**GPA: 3.78**

**Relevant Coursework:** Linear Algebra, Data Structures & Algorithms, Computer Architecture, Discrete Math

## Skills

### Technical Skills:

- Languages: *C, C++, Java, JavaScript, Python, SQL*
- Front End: *HTML, CSS*
- Frameworks: *React Native, ROS 2*

### Practical Skills:

- *Leadership, Organization, Communication, Teamwork*

## Achievements

**Dean's List and Semester Honors**  
- Spring 2022

**Eagle Scout** - March 2021

## Projects

### 05/2023-07/2023

#### Mobile Food App

- Used React Native with Expo to make a mobile food app for IOS and Android devices
- Used Mongo database services for backend processes

### 08/2022

#### Personal Website

- Constructed a website using *HTML, CSS, and JavaScript*.

### 05/2022-08/2022

#### Python Games

- Followed online *Python* tutorials to write games such as Snake, Connect 4, and Tetris
- Applied innovative solutions to improve the efficiency of tutorial code

## Experience

### 08/2018-06/2021

FTC Robotics Team 14473 | Fremont, CA

#### Mechanical Lead

- Designed 3 robots using CAD software and assembled them using metal and custom 3D printed components
- Taught younger members mechanical concepts and tools
- Implemented open source Road Runner API to map robot trajectory
- Utilized computer vision to detect field elements
- Organized meetings and assigned roles to ensure swift and efficient completion of tasks

### 09/2014-06/2021

BSA Troop 468 | Fremont, CA

#### Volunteer

- Over 200 service hours at conservation and beautification projects and community events: etc. trash cleanup, weeding gardens, running festival booths
- Designed, coordinated, and lead an Eagle project with over 20 volunteers and 250 total service hours to construct 650+ face shields to donate to local healthcare centers during the pandemic
- Fundraised over 400 dollars for Eagle project by painting acrylic landscape paintings and selling them