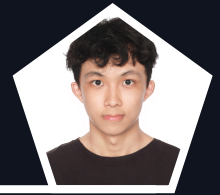



YUKAI GU



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 Irvine, CA, 92614

 [LinkedIn Profile](#)
[Github Profile](#)

EDUCATION

University of California, Irvine
(UCI)

Bachelor of Science in
Computer Science,
Specialized in Intelligent
Systems

Expected Graduation: June
2025

GPA: 3.93

Completed 108/180 units

SKILLS

Programming Languages:
Python, C++, JAVA, WXML

Web Development: **HTML,
CSS, JavaScript (JS),
React.js**

Others: **Algorithm
Searching, Chinese
Language**

Honors

Getting
DEANS HONOR LIST
in every school quarter

PROJECTS

AntAlmanac

- **Description:** Developed and maintained a course management tool for UCI students, simplifying course data access, enrollment, and schedule management. Facilitated activity planning, route planning, and provided insights into professor grading trends.
- **Role:** Contributed as a developer, focused on identifying and resolving bugs, enhancing code quality, and introducing new features.
- **Achievements:** Improved user experience through bug fixes and code enhancements. Enhanced course schedule management, including events and route planning. Adding new features like sharing a course to a friend.
- **Website:** <https://antalmanac.com>

Program development

Researching

React.js

IEEE Micro Mouse

- **Description:** Challenging IEEE-hosted competition where students design and construct their own Micro-Mouse robots for head-to-head maze navigation. Required a combination of engineering expertise and advanced algorithmic skills.
- **Role:** Collaborated with a team of four to develop efficient and time-saving algorithms for the Micro Mouse robot.
- **Achievements:** Contributed to find and create algorithms that optimized maze navigation like flooding algorithm. Helped the team to build up the micro mouse and write the code into it.
- **Website:** <https://github.com/stevenguyukai/IEEE-MicroMouse>

Program development

Algorithm Searching

Researching

Python

C++

P.R.O.

- **Description:** Founded a high school computer club focused on leveraging technology for societal benefit and problem-solving. Primarily engaged in developing brain-boosting games to combat Alzheimer's disease, publishing original articles, and promoting tech literacy.
- **Role:** Lead the club, provided coding guidance to members, and supervised game development teams.
- **Achievements:** Successfully developed and launched four brain-boosting games. Published 76 original articles related to technology and problem-solving. Teaching club members of the coding skills and fostered interest of computer science among student. Built a website for this club.

- **Website:** <https://stevenguyukai.github.io>

Chinese Language

HTML+CSS+JS

Researching

WXML

JAVA