

Justin Lin

EDUCATION

University of Illinois at Urbana-Champaign Bachelor of Science in
Computer Engineering

Kaneland High School

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May 2023

GPA 3.89/4.00

GPA: 4.23/4.00

PROJECTS

BLUETOOTH MODULAR CAR

Constructed a bluetooth modular car that would be controlled through an Android App for its movements using Arduino and C++

PYTHON PROGRAMMING

Coded a Website using Flask for backend development and html for frontend. Published publicly via Heroku cloud service.

Coded an encryption and decryption program in Python to send files securely

Coded a facial recognition detector that used OpenCV and an existing Python facial library

SOLAR PANEL PHONE CHARGER

Developed a problem with forgetting to charge a portable charger at night

Constructed a compact solar panel phone charger that used a 5V step up boost module as well as a 5V mini solar panel to charge phone

WORK EXPERIENCE

COMPUTER TECHNICIAN

Many classmates of mine would come ask me to solve technical issues

Solved many laptops problems(broken screen, touchpad, keyboard, software)

Diagnosed broken hardware of a malfunctioning hoverboard

ORGANIZATIONS

ZETA PSI FRATERNITY

Currently the Treasurer and on the Executive Board. Besides managing the money I have an impactful voice on many decisions for the fraternity.

Helped Zeta Psi reach a GPA that was in the Top 10 of IFC

SKILLS

Programming(Python, C++, C)

Data Structures

Algorithms

Arduino

Digital Signal Processing

Team Leadership

Communication

LEADERSHIP

Zeta Psi Professional Development member(2019-2020)

Zeta Psi Executive Board Treasurer(2020-present)

Kaneland High School Band Clarinet Section Leader(2017-2019)

WYSE academic team leader(2019)

COURSES

CS225

ECE210

CS 374

ECE 310

ECE 311

