

EDUCATION

Purdue University, Computer Science and Data Science Double Major BS	Jul 2021 - Dec 2023
<ul style="list-style-type: none">GPA: 3.95/4Coursework: Software Engineering, Machine Learning, Systems Programming, Intro to Data Science, Statistical Theory, Web Application DevelopmentUpcoming Courses(Spring 2023): Compilers, Software Testing, Algorithm Analysis, Artificial Intelligence, Large Scale Data Analysis, Time SeriesOn track for Software Engineering and Machine Intelligence	West Lafayette, IN

EXPERIENCE

Purdue University	Aug 2022 — Current
Undergraduate Teaching Assistant	On-Campus
<ul style="list-style-type: none">Undergraduate Teaching Assistant for Purdue University CS 25000 Computer Architecture Fall Semester 2022Hosts office hours weekly for 1-on-1 student questions about lectures, lab, homework, exam, etcPrepares and set up weekly laboratory sessions, during which help and answer student questionsAttends weekly teaching assistant meetings to sync up and lay down teaching plan for the upcoming week	
VIP Solar Sail	Jan 2022 — May 2022
Undergraduate Research Assistant	On-Campus
<ul style="list-style-type: none">Undergraduate Research assistant for NASA x Purdue Vertically Integrated Project, Solar Sail, projected to launched to orbit in 2025Research and document Raspberry Pi camera module V2 functionalities and write script to conduct topographical analysisDevelop frontend GUI and backend API in Python to communicate with specialized camera to capture images and record in space	
RippleMatch	Sep 2021 — Dec 2021
Leadership Development Internship	Remote
<ul style="list-style-type: none">Leveraged various growth strategies and tools including social media, email marketing, presentations, and peer and faculty member networking to grow the user base and awareness on campusAccumulated more than a thousand new users for the start-up, the most amount of completed sign-up in the intern programCreated an email parsing program that stores, organizes, and keeps track of user profile and application status using Java	

EXTRA CURRICULAR

Hackathon	2021 - 2022
<ul style="list-style-type: none">BoilerMake: BoilerMake ninth annual hackathon, organized by Boilermake group at Purdue University; sponsored by MLHHello World: Participated in Hello World Hackathon, a freshman-only introductory hackathon organized by Purdue Hackers	

PROJECTS

MAP(2022) - Led a team of 5 to develop motivational-based web application that lets users self-reflect and keep track of their goals using React/Axios and Bootstrap CSS in for the front end. Server is developed using Python/FastAPI with MySQL Database
Insic(2022) - A social media web app developed using NextJS and Firebase that utilizes Next's Incremental Static Regeneration feature
Schdl(2021) - A crowd-sourcing website that allows students submit, organize, and search for professors and TA office hours. Project uses ReactJS for front-end and Node/Express back-end with MongoDB as database
Mini-Games(2021) - Classic mini-games such as Pong and Connect Four using Python and Pygame

SKILLS

Languages	JavaScript, C, Java, Python, SQL, R, LaTeX
Technologies	Next/React, Node/Express, Bootstrap, Linux, Bash, Git
General	Excel, Adobe Premiere Pro, OBS, Slides, Draw

AWARDS & HONORS

Academics	Dean's List and Semester Honors	2022
Academics	CollegeBoard AP Scholar of Distinction	2020 & 2021
Music	Clarinet Certificate of Merit Level 10; State Honors and Senior Award	2021

PERSONAL

Languages	Fluent in English and Chinese, knowledge in Latin
Interests	Web development, Reading, Writing, Music, Psychology/Philosophy, Esports