

# Kelan Wu

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[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

## EDUCATION

### The University of Houston, College of Natural Sciences & Mathematics

Houston, TX

*Bachelor of Science, Computer Science*

May 2024

- **Cumulative GPA:** 3.80/4.00
- **Honors and Awards:** Deans List 2020 -2022
- **Relevant Coursework:** Computer Science Programming (Python), Introduction to Programming (C++), Data Structures & Algorithms, Computer Organization & Architecture, Statistics for Science (R)

## SKILLS

- **Technologies:** Python, JavaScript, C++, R, HTML/CSS, Flask, Pandas, NumPy, Scikit-learn, Bootstrap 5, Jupyter Notebook, Git
- **Language:** English, Mandarin Chinese, Taiwanese

## ACADEMIC/PERSONAL PROJECTS

### Stat Padder – the Ultimate NBA Stats App

Houston, TX

*Personal Project* ([GitHub](#))

- Stat Padder is a Dynamic Web Application/tool for NBA enthusiasts who are interested in information relating to an NBA player's career statistics
- Able to look up to over 4,500 NBA Players career statistics since the beginning of NBA, 75 years ago, from retired legends to the most recent draft class.
- Utilizes GET and POST requests for a dynamic experience
- Developed with Python Flask (Back-End), HTML, CSS, Bootstrap 5, and JavaScript

### Resource Visualization

Houston, TX

*CodeRed Odyssey Hackathon (Conoco Philips Challenge)* ([GitHub](#))

October 2022

- R-Visual is a powerful Data Analytics tool for the Oil & Gas Industry, with the purpose of delivering clean, organized, and visual pleasing data and statistics for industry professionals.
- Displays four different datasets: Natural Gas Production, Gas Withdrawals, Crude Oil Production, and Oil Reserves, with advance statistical measurements.
- Collaborated with a group of 4
- Developed with Python, Flask, HTML, CSS, Bootstrap 5, JavaScript, Chart.js

### Houston Outlaws Data Project

Houston, TX

*University of Houston, BCIS 1305: Business Computer Apps*

November 2020

- Collaborated with a team of 7 to conduct an in-depth analysis of the e-sports team's standing and reputation in the gaming community
- Conducted research on competitors and trends to develop ideas for improvement.
- Cumulated all data into an Excel Sheet to further construct and develop our data and plans

## PROFESSIONAL EXPERIENCE

### Steve Yang – State Farm Insurance Agent

Sugar Land, TX

*Marketing Associate*

January 2021 – April 2021

- Identified and Nurtured potential prospects via cold calling, B2C, while entering data into State Farm's customer database, ECRM.
- Worked collaboratively with multiple agents throughout the nation in servicing clients
- Assisted Clients with needs and processed payments while displaying excellent customer service
- Generated an average of 25 auto, renter's, or homeowner's insurance leads per month

## INVOLVEMNT

### Code[Coogs] Team O(n)

Houston, TX

*Team Member*

August 2022 - Current

- Joined for professional development, networking events, leadership development, and industry insights.
- Interested in connecting with industry professionals to gain an understanding of career paths available

### Cougar CS Organization

Houston, TX

*Member*

August 2022 - Current

- Exploring other major options and career paths within the computer science field
- Attend general meetings and workshops to gain a better understanding of computer science