

# Kelan Wu

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[Linked In](#) | [GitHub](#) | [Personal Website](#)

## EDUCATION

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

May 2024

*Bachelor of Science in Computer Science*

- **Cumulative GPA:** 3.80/4.00
- **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

## EXPERIENCE

### Stat Padder – the Ultimate NBA Stats App

Houston, TX

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

October 2022 - Present

- Stat Padder is a dynamic web application/tool for NBA enthusiasts who are interested in information relating to an NBA players' career statistics.
- Ability to look up to 4,500+ NBA Players' career statistics since the beginning of the NBA, from retired legends to the most recent draft class.
- Developed with Python Flask (Back-End), HTML, CSS, Bootstrap 5, and JavaScript.

### Resource Visualization

Houston, TX

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

October 2022

- R-Visual is a powerful data analytics tool for the Oil & Gas industry, to deliver clean, organized, and visually pleasing data and statistics for industry professionals.
- Displays four different datasets: Natural Gas Production, Gas Withdrawals, Crude Oil Production, and Oil Reserves, with advanced statistical measurements.
- Led a team of 4.
- Developed with Python, Flask, HTML, CSS, Bootstrap 5, JavaScript, and 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 an e-sports team's standing and reputation in the gaming community.
- Cumulated all data into an Excel Sheet to further construct and develop 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.

## INVOLVEMENT

### 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.

## HONORS

- **Deans List** : 2020 -2022