Kelan Wu

kelanwu17@gmail.com | 832.387.0940 | Sugar Land, TX 77478
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 the 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, 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.
- 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 autos, renter's, or homeowner's insurance leads per month

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