

JIA YU

832.277.1669 | k.y609866@gmail.com | [linkedin.com/in/UHjiayu](https://www.linkedin.com/in/UHjiayu) | github.com/kevinyu609866

EDUCATION

Bachelor of Science in Computer Science, University of Houston

Fall 2018

Minor: Mathematics

Major GPA: 3.509

SKILLS

Proficient: JavaScript, TypeScript, AngularJS, HTML/CSS, C, C#, C++, RStudio/R, SQL, Microsoft Office Suite, Java, 3D modeling

Languages: Fluent in English, Mandarin Chinese, and Fu Jian Chinese

RELEVANT COURSEWORK

Algorithms and Data Structures | Computer Organization and Architecture | Data Science and Machine Learning | Data Mining
Fundamentals of Software Engineering | Design File and Database Systems | Computer Networking | Programming and Data Structure

PROJECTS

Big Data Mining Analysis

Spring 2018

- Refined big data of an ethical group in R/RStudio, and generated visualizations to demonstrate how specific health factors correlate to likelihood of contracting diabetes
- Applied several classification algorithms on a dataset in R/RStudio to compare and visualize accuracies to find most efficient methods based on parameters of dataset
- Developed and implemented outlier detection functions multi-dimension on noisy datasets in R/RStudio and found outlier scores to determine overall severity of outlier, and visualized clusters after omitting percentages of outliers
- Technologies used: RStudio/R

Personal Website

Summer 2018

- Utilized HTML/CSS/JavaScript in back-end and front-end development to engineer a personal website
- Experienced AngularJS framework in developing secondary website for web dev process optimization
- Technologies used: JavaScript, HTML/CSS, AngularJS, TypeScript

University Search Desktop App/Database

Summer 2018

- Filtered and imported data of 232 universities using SQL/SSMS into a database table for application use
- Designed and built application GUI and functionalities using C# to sort and display filtered information
- Constructed back-end filtering SQL queries to fetch data based on selected criteria on GUI
- Technologies used: C#, SQL

EXPERIENCE & LEADERSHIP

Magic Wok | Assistant Manager | Houston, TX

Fall 2011 – Present

- Monitored hundreds of orders on POS System and conducted financial correctness checks
- Established, and negotiated partnerships with Yelp, EAT24, GrubHub, Beyond Menu, and Door Dash

Super League Gaming | Action Squad Lead | Houston, TX

Spring 2017 - Present

- Led a team of 5 people by designating roles and team supervision to ensure organized and smooth operational flow
- Troubleshoot technical and client-side connectivity to remote server to mitigate technical disruptions

University of Houston Computer Science Department | Academic Mentor | Houston, TX

Summer 2018

- Led lectures and provided academic mentorship in Object Oriented programming concepts and advanced data structures
- Discussed and collaborated with mentor team to conduct additional curriculum assessments on for over 20 students

University of Houston Cougar CS | Co-Director of Human Resources | Houston, TX

Fall 2018- Present

- Assemble team of volunteers for computer science organization to assist with operational needs