

Jerry Li

512-317-2457 | jerry.li@aggienetwork.com | [linkedin/jerryli65](https://www.linkedin.com/in/jerryli65) | [github/jerryli65](https://github.com/jerryli65)

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, Honors

GPA: 3.6

May 2024

College Station, TX

TECHNICAL SKILLS

Languages: C++, Python, Java, R, SQL, PostgreSQL, JavaScript, CSS, HTML, Haskell, MATLAB

Frameworks: Express, React.js, node.js, jQuery, Flask

Developer Tools: AWS, REST APIs, MERN Stack, Git, Linux, Agile, Postman

RELEVANT EXPERIENCE

Paycom

May 2023 – August 2023

Software Engineering Intern (Incoming)

Grapevine, TX

- Will intern as a software developer at Paycom at the Grapevine, TX location in Summer 2023

Mishra Research Lab

September 2022 – December 2022

Software Development Undergraduate Researcher

College Station, TX

- Co-authored a package for the R language focused on quality visualization of large datasets for use in academic publications
- Ensured accurate file management and documentation with 3 teams by presiding over the project's version control
- Evaluated the effectiveness of dozens of figures in research papers to discern trends in quality standards

Lavner Education

May 2022 – August 2022

Information Technology Intern

Austin, TX

- Provided technical support and maintenance of live servers, networks, and administrative permissions across 4 locations
- Monitored hardware and software systems and operation of 200 laptops and 8 3D printers
- Responded to open tickets within 30 minutes, escalating issues to higher support when needed
- Managed inventories and large amounts of data for safety, communication, and efficiency

Conte Research Lab

January 2022 – June 2022

Data Science Undergraduate Researcher

College Station, TX

- Computed statistical analysis on thousands of MATLAB simulations regarding behavioral trends in individuals and networks
- Boosted data collection speeds by automating the process of creating and analyzing interactive multivariable figures in R
- Prepared a presentation for a mathematical conference using Python and PowerPoint detailing substantial results

College of Engineering, Texas A&M University

August 2021 – December 2021

Engineering Teaching Assistant

College Station, TX

- Hosted weekly office hours to assist 20+ students in Engineering Seminar
- Graded quizzes and assignments, providing feedback for continuous improvement and success in the curriculum
- Recorded attendance and organized lesson material for maximum productivity each week

PROJECTS

Restaurant Point-of-Sales System | AWS, PostgreSQL, Java, JavaScript, Express, HTML, CSS

- Created a virtual interface that allowed customers and servers to place orders at a local pizza restaurant
- Connected a PostgreSQL database with inventory and prices to provide managerial access to ordering trends and sales reports
- Implemented APIs for Google Translate, Google Maps, and OAuth 2.0 to increase user accessibility

GrocerEZ Grocery Planning Application | Python, Java, JavaScript, PostgreSQL

- Contributed to a full-stack application for determining optimal grocery shopping strategies using Selenium and BeautifulSoup
- Utilized Flask to connect the PostgreSQL database containing the store and product information to the frontend

SETitaire GUI Card Game | Java, JavaFX

- Developed a GUI of an original card game focused on object-oriented programming principles and a heuristic hashing algorithm
- Updated usability and features using Agile methodology based on feedback from members of the board games club at college

AWARDS

Aggie Research Scholar | Presented for exceptional contribution to data science research by the Texas A&M Research Program

ENGR Honors Fellowship | Awarded for service and mentorship of undergraduates by the Texas A&M College of Engineering

Dean's Honor Roll | Awarded for outstanding academic achievement within computer science at Texas A&M University