

Kane Dong

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EDUCATION

Texas A&M University - College Station, TX

BS in Computer Science, Statistics

August 2022 - May 2026

GPA: 3.89/4.0

Minors: Bioinformatics

Clubs/Activities: Chinese Student Association, Aggie Coding Club, Society of Asian Scientists and Engineers, Intramural Sports

Relevant Coursework: Data Structures & Algorithms, Database Systems, Computer Organization, Principles of Data Science, Statistical Bioinformatics, Mathematical Statistics 1

RELEVANT EXPERIENCE

Ioerger Lab, Dept. of Computer Science, Texas A&M University

Research Assistant

College Station, TX

April 2024 - Ongoing

- Determine resistance profiles for antibacterial drugs using genomes sequenced from clinical isolates of tuberculosis
- Perform statistical analyses to correlate polymorphisms with drug resistance using **pandas** and GEMMA

UNT iCAN Lab

Research Assistant

Denton, TX

June 2021 - August 2021

- Received \$4000 scholarship to conduct neuropsychology research under Dr. Thomas Parsons to determine why people are less inclined to return to the office after COVID-19
- Designed and developed a VR office environment for virtual psychological testing for use by other universities and hospitals using the **Unity** environment and **C#**
- Learned **PHP** and **MySQL** to create and link a database system to the virtual environment to store test data

PROJECTS

Fintelligent - TAMUhack X

Project Link: https://github.com/ashlxyzhang/tamuhack_x

College Station, TX

January 2024

- Built a web app that links with a user's bank account to visualize transaction history and provide flashcards to teach financial literacy
- Used **React.js** for the frontend, **Tailwind CSS** for styling, and **Express.js** for the backend
- Integrated the **Plaid API** and Link to connect user bank accounts to the app

ADDITIONAL EXPERIENCE

College of Veterinary Medicine and Biomedical Sciences, Texas A&M University

Student Technician

College Station, TX

Feb 2024 - Ongoing

- Manage the life cycle of 1000+ devices across all platforms, including purchasing, imaging, troubleshooting, repair, and surplus
- Utilize **ServiceNow** to efficiently handle support tickets and provide remote and in-person troubleshooting through **ZENworks**
- Collaborate with IT team members to provide timely onsite technical support for faculty and hospital staff

TAMU Chinese Student Association

Vice President External

College Station, TX

April 2024 - Ongoing

- Coordinate with 3 other Texas CSAs to host a talent show and sports competition with over 500 attendees
- Network with other Asian student organizations during biweekly meetings to share CSA events and propose mixers
- Lead a team of three PR and graphics chairs to promote and maintain CSA social media

Sports Coordinator

April 2023 - April 2024

- Managed and registered 20+ teams across 8 intramural sports including volleyball, flag football, and ultimate frisbee
- Designed and hosted an internal sports tournament with 300+ participants and 10 events
- Coordinated with three other Asian student organizations and the TAMU recreational center to host field day events for 200+ members

TECHNICAL SKILLS

- **Languages:** C/C++, Python, R, Java, JavaScript, HTML/CSS
- **Frameworks and Technologies:** pandas, NumPy, React, Git, Linux, Jupyter
- **Developer Tools:** Markdown, LaTeX, Github, VS Code, RStudio, Microsoft Office