

ANDREW SHANG

ashang1524@tamu.edu · GitHub.com/ashang1524 · LinkedIn.com/in/ashang1524 · (469) 307-6289

EDUCATION

Texas A&M, College Station, TX **May 2023**
Bachelor of Science in Computer Science **GPA: 4.0**
Craig and Galen Brown Engineering Honors

University of North Texas, Denton, TX **May 2020**
Texas Academy of Math and Science
Honors/awards: President's List

Relevant Coursework

- Discrete Structures, Introduction to Program Design, Data Structures and Algorithms, Computer Organization, Programming Languages
- Taking Operating Systems, Programming Studio

WORK EXPERIENCE

Undergraduate Summer Research, College Station, TX **June 2021 - Present**
Undergraduate Research Assistant

- Utilize deep learning models for varying embedding representations of protein sequences
- Multitask and multi-modal learning using Python and PyTorch

Resident Assistant, Denton, TX **August 2019 - May 2020**
Senior Mentor

- Facilitate weekly friendship building activities for incoming juniors to encourage acclimation to TAMS.
- Spoke with administration at monthly meetings promoting increased interaction among students.

PROJECTS

Personal Website, Round Rock, TX **January 2022 - Present**
Personal Project

- Designed and built a responsive personal webpage displaying personal information
- Utilized only HTML and CSS, hosted through GitHub Pages

SmallBites, Round Rock, TX **January 2022 - Present**
Personal Project

- Designed and built a responsive web application providing nearby locally owned small restaurant locations
- Utilize MERN Stack to build front end and retrieving data through Google Maps JavaScript API and Yelp Fusion API
- Programmed using HTML, CSS, React.js, JavaScript

Coder Connect, Round Rock, TX **July 2020 - Present**
Personal Project

- Utilize MERN Stack to build front and back-end website development.
- Programmed using JavaScript, HTML, CSS
- A free volunteering service to tutor students in programming

LEADERSHIP

Computer Science Organization, Denton, TX **August 2018 - May 2020**
Coordinator

- Scheduled monthly social events and community service events.
- Coordinated four recruitment events for new members.
- Introduced programming to beginning programmers.

TAMS Medical Society (TMS) Outreach, Denton, TX **August 2018 - May 2020**
Co-Coordinator

- Student-run organization promoting medical opportunities.
- Coordinated tri-weekly volunteer opportunities between three Elementary Schools.
- Promoted the importance of medicine through engaging lessons.

ADDITIONAL INFORMATION

Programming Languages: Python, C++, HTML, CSS, JavaScript, React.js, Java

Technologies/Frameworks: NodeJS, Bootstrap, Angular, Figma

Tools/Software: Unix, GCP, AWS, Git

Languages: Fluent in Mandarin Chinese