PRANAV CHANDUPATLA

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2200 Nueces Street, Room 1206 • Austin, TX 78705 • (940) 535-4377

EDUCATION

The University of Texas at Austin   B.S., Computer Science, B.B.A., Finance   May 2023

GPA: 4.0

Relevant Coursework:

CS311: Discrete Math   CS314: Data Structures **{Java}**   CS429: Computer Architecture **{C, Assembly}**
CS309, CS378: Quantum Computing **{Python}**   M340L: Linear Algebra

PROJECTS

Personal Website – *HTML5, CSS3, JavaScript*   Summer 2020
- Website to showcase personal projects and act as an online resume
- Designed using Adobe Photoshop and built from scratch with HTML5, CSS3, and JavaScript

Dimensional Analysis Calculator – *Java*   Fall 2020
- Application for AP Chemistry and Physics students to check dynamic stoichiometry and conversion
- Used a bidirectional graph with recursive modeling to interpret unit conversion problems and output the shortest conversion path between two units of measurement

Word Unscramble - *Java*   Fall 2017
- Interactive computer game for ESL students to improve spelling skills in an entertaining environment
- Used a map and the Oxford Dictionary to create a program that when given any six-letter string, would find all possible anagrams of the input and have the player attempt to correctly guess all of them

EXPERIENCE

University of Texas at Austin – *CS314 Teaching Assistant;* Austin, TX   August 2020 - Present
- Responsible for weekly lessons for 20 students
- Grade assignments and reviewed class exam questions
- Assist students in debugging code and understanding course material

Applied Research Laboratories – *Research Fellow;* Austin, TX   June 2020 – August 2020
- Worked under senior researchers on ongoing projects
- Primarily investigated single-photon, multi-qubit systems, with special emphasis on researching particle-wave duality in photons.

LEADERSHIP EXPERIENCE AND ACTIVITIES

University Brazilian Jiu Jitsu Club – *Secretary, Authorized Representative*   Fall 2019 – Present
- Completed and submitted all paperwork to RecSports on behalf of the club for travel, room reservations, photographers or medical trainers.
- Took minutes at monthly meetings with RecSports officials

UT ACM – *Active Member*   Fall 2019 – Present

UT ISSS – *Active Member*   Fall 2019 – Present

HONORS

- Siemens Merit Scholarship   Summer 2018

ADDITIONAL INFORMATION

Computer Languages: Fluent in Java; Proficient in C, x86; Experience with Python, HTML5, CSS, JS

Certifications: Oracle Java SE 8 Associate Programmer Certification (2018)

Languages: Proficient in Telugu, Basic Knowledge of Spanish