

PRANAV CHANDUPATLA

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EDUCATION

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

GPA: 4.0

Relevant Coursework:

CS314: Data Structures {Java}	CS429: Computer Architecture {C, x86}	CS309, CS378: Quantum Computing {Python}
M340L: Linear Algebra	BA324: Business Communication	ACC311: Financial Accounting

PROJECTS

Personal Website – Photoshop, 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 unit conversion problems
- Built a recursive graph algorithm to output the shortest conversion path between two units of measurement

Word Unscramble – Java Fall 2017

- Interactive computer game for ESL students to improve spelling and word recognition in an entertaining environment
- Used a map and the Oxford Dictionary to create an algorithm that would find all possible anagrams of an input string and have the player attempt to guess all of them

EXPERIENCE

University of Texas at Austin – Data Structures Teaching Assistant | Austin, TX August 2020 – Present

- Presented weekly lessons on specific data structures to a group of 20 students
- Graded student assignments and exams
- Led help hours to assist students in debugging their code

Applied Research Laboratories – Research Fellow | Austin, TX June 2020 – August 2020

- Collaborated with a team of three fellows on quantum optics research projects
- Investigated single-photon, multi-qubit systems using VQOL, a virtual quantum optics simulator built in Python
- Contributed to a research paper written on photon particle-wave duality

LEADERSHIP EXPERIENCE AND ACTIVITIES

University Finance Association – Active Member Fall 2020 – Present

University Brazilian Jiu Jitsu Club – Secretary and Authorized Representative Fall 2019 – Present

- Completed all paperwork for travel, room reservations, photographers, and medical trainers
- Took minutes at monthly meetings with RecSports officials

UT ACM – Active Member Fall 2019 – Present

HONORS

- Applied Research Laboratories Fellowship Spring 2020
- Siemens Merit Scholarship Summer 2018

ADDITIONAL INFORMATION

Computer Skills: Microsoft Suite, Adobe Photoshop, OneDrive

Computer Languages: Fluent in Java | Proficient in C, x86 | Experience with Python, HTML5, CSS3, JavaScript

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

Languages: Proficient in Telugu | Basic knowledge of Spanish