

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
- Created a map-based 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