ANUJ KETKAR

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EDUCATION

Texas A&M University — Bachelor of Computer Science – *In Progress* — May 2024
Cumulative GPA: 3.892 (85 Earned Hours)

Plano West Senior High School — High School Diploma — June 2020

WORK AND RESEARCH EXPERIENCE

Undergraduate Research Assistant – *Graph Mining and Cybersecurity; Aggie Research Program* — Summer 2022

- Performed extensive tests on Peregrine, an open-source graph mining engine, and analyzed the results for its optimization
- Authored C++, Python, C and Bash scripts to automate processes for running experiments and monitoring memory usage
- Cooperated with teammates to maintain and document code in a repository and aggregated findings in a formal report

Abercrombie and Fitch – *Brand Representative*; *Frisco, TX* — November 2019 - January 2021

- Organized supply of apparel items and franchise merchandise
- Promoted products through customer interaction to increase company revenue

SKILLS AND INTERESTS

- **Programming Languages:** C++, Python, Java, Haskell, C, HTML, CSS
- **Computer Proficiency:** Microsoft Office, LaTeX, UNIX, Bash, NumPy, VSCode, Logic Pro
- **Interests:** Software Engineering, Neural Networks, Augmented Reality, Cloud Computing
- **Foreign Languages:** Basic Knowledge in Spanish**,** Receptive in Marathi
- **Work Eligibility:** Eligible to work in the U.S. with no restrictions

HONORS

- Craig and Galen Brown Engineering Honors — Fall 2020 – Present
- Dean's Honors Roll — Fall 2021

RELEVANT COURSEWORK

CSCE 411: Design and Analysis of Algorithms — Summer 2022
CSCE 221: Data Structures and Algorithms — Spring 2022
CSCE 314: Programming Languages — Spring 2022
CSCE 222: Discrete Structures for Computing — Fall 2021

PROJECTS

Harmonia – *HowdyHack; Team Hackathon* — Fall 2021

- Python project that uses Tkinter for a graphical user interface to display virtual piano keyboard
- Utilizes playsound module to allow user to learn music theory concepts through auditory juxtaposition
- Delegated functions among team and incorporated code from each member into final product

Global Study Set – *Individual Project* — Spring 2020

- Java project that generates flashcards that automatically contains the same word in different languages
- Heavily designed in object-oriented structure with advanced use of Java containers, generics, and bounded types
- Utilized an external database containing parallel translation data to support five languages

ORGANIZATIONS AND LEADERSHIP

Aggie Competitive Programming Club – *Member (1.5 hours a week)* — Fall 2021

- Attended weekly meetings to discuss and practice problem solving strategies
- Participated in competitive coding competitions and placed in top 10%

HOSA Future Health Professionals Club – *Public Relations Officer (5 hours a week)* — Fall 2017 – Spring 2018

- Directed communications for member meetings, club events, and competitions