Yash Kalyani

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EDUCATION

Texas A&M University   **May 2022**
Bachelors in Computer Engineering - CS Track   *College Station, TX*
GPA: 3.43
Relevant Courses:
Data Structures and Algorithms, Intro to Computer Languages for C++ and Python,
Computer Architecture and Design, and Intro to Computer Systems

SKILLS

- Programming Languages: Python, C++, MATLAB, Verilog
- Frameworks/Tools: Pandas, Matplotlib, Jupyter Notebook, Google Colab, AWS
- Familiar with: Java, R, HTML, WordPress, Linux

WORK EXPERIENCE

Texas A&M Electrical Engineering Graduate Office   **College Station, TX**
Student Assistant   *August 2020 - Present*
- Assisted and responded to all student/faculty inquiries in a professional, courteous, and timely manner
- Answered, screened, and directed high-volume phone calls
- Utilized Microsoft Word and Excel to create, edit, and complete: supply forms, purchase order forms, and other graduate studies forms
- Performed general clerical duties: filed, photocopied, and scanned various college forms or records.

COMPETITIONS

ConocoPhillips Innovation Challenge
1st Place   *September 2020*
- Front-end application which uses a machine learning algorithm to predict the salinity of water using various parameters
- Tech used: JavaScript, Bootstrap, Python, Kaggle, and KNIME

Howdy Hack   *September 2020*
- An application which uses a natural language processing algorithm to dictate the mood of a user's journal entry and recommend songs using the Genius API
- Tech used: Python, Tkinter, and Genius API

Covid-19 Game Jam   *April 2019*
- Developed a 2-d arcade game which highlighted the importance of social distancing. The player was put in a market and had to avoid people while collecting groceries.
- Tech used: Unreal Engine, and C++

PERSONAL PROJECTS

Password Protected Pictures   *August 2020*
- A Python script which saves JPG files and password protects them
- Tech used: Python, and Pickle

Sorting Visualizer   *August 2020*
- A Python project created to visualize how different sorting algorithms sort random arrays
- Tech used: Python, and Tkinter