MIHIRAN PANDEY

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OBJECTIVE

Second year computer science student at Texas A&M University aiming to supplement my learning through industry experience. Currently seeking an internship for the Summer of 2021.

EDUCATION

TEXAS A&M UNIVERSITY   **(MAY 2023)**
Bachelor of Science in Computer Science (CPSC)
Cumulative GPA: 3.916/4.0
Major Specific GPA: 4.0/4.0

RELEVANT COURSEWORK

Introduction to Computing, Introduction to Program Design and Concepts, Discrete Structures for Computing, Computer Organization, Introduction to Computer Systems, Design and Analysis of Algorithms, Programming Studio, and Programming Languages

WORK EXPERIENCE / PROJECTS

PHYS 216 Undergraduate teaching fellow, Texas A&M University   **(AUG 2020 – DEC 2020)**
- Facilitated a learning environment for 48 students to teach key concepts in physics and engineering.
- Conducted "office hours" for one-on-one tutoring in said concepts.
- Maintained a laboratory setting to conduct experiments relating to engineering.
- Graded lab reports.

ENGR 102 Undergraduate teaching fellow/Peer Teacher, Texas A&M University   **(JAN 2020 – MAY 2020)**
- Facilitated a learning environment of numerous students to teach key concepts in beginner python.
- Conducted "office hours" for one-on-one tutoring.
- Graded individual and team-based programming assignments.

HowdyHack 2020
- Competed in a spy themed TAMU hackathon and programmed a functioning Discord bot.
- Developed backend with discord's python API.
- Implemented functions that accomplished the following: encrypted messages, decrypted messages, "jammed" communication, and displayed images to prompt a text-based analysis game.

HackTX 2020
- Competed in UT Austin's annual hackathon with a team consisting of 3 other students.
- Created an app to scan nutrition labels to provide a short summary of the ingredients.
- Developed the app with the React Native mobile application framework.
- Backend consisted of a Flask REST API, which was hosted on Microsoft Azure

EXTRACURRICULARS

Vex Robotics   **(AUG 2016 – MAY 2019)**
- Competed as a team programmer – World championship (2018).
- Lead programmer for state semi-finalists (2019).
- Programmed scripts for complete autonomous capabilities and user control in Robot C**.**
- Integrated external devices for data collection and driving optimization with methods.

SKILLS

Programming Languages (Advanced): Python, C++, Java, Javascript, HTML, CSS
Technical Knowledge: Unix, Reactjs, React Native, Microsoft Office Suite, Jupyter Notebook