Ashwin Kundeti

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SOCIAL LINKS

- https://github.com/ashwin-k22
- https://www.linkedin.com/in/ashwin-kundeti/

EDUCATION

Texas A&M University **August 2020 – May 2024**

BS, Computer Engineering *College Station, TX*

- Craig and Galen Brown Engineering Honors Student
- Previously a member of SAE Development and worked on a simple alarm system involving an Arduino.
- Currently working with TAMU's Student Cluster Competition (High Performance Computing) team and will be competing in November.

SKILLS & INTERESTS

- **Technical Skills:** Java, Python (NumPy, pandas), Verilog HDL and currently learning C++, Git, Microsoft Office Suite (Word, Excel, PowerPoint), VBA
- **Soft Skills:** communication, collaboration, flexibility, responsibility, mathematics, physics, foreign languages
- **Interests:** Working out, Intramural Football, making new connections, cooking, watching sports, TV shows, traveling, cars, motorcycles, robotics, hackathons
- **Accomplishments:** Two-time Texas State Qualifier for UIL-5A Wrestling

RELEVANT COURSEWORK

- **Computer Science:** Computer Science Principles, Program Design, Data Structures and Algorithms, Computer Systems
- **Electrical Engineering:** Breadboard Circuits, Verilog HDL, Digital Circuits, Analog Circuits, ARMv8 architecture, Signals and Systems
- **Mathematics:** Calculus 1, 2, & 3, Differential Equations, Linear Algebra
- **Physics:** Physics 1 & 2

WORK EXPERIENCE/PROJECTS

Product Marketing Engineer Intern **May 2022 – August 2022**

Texas Instruments *Dallas, TX*

- Revamped an excel macro using VBA and produced a python program involving Selenium Webdriver which automates a repetitive process and significantly increases efficiency.
- Produced a high-level video for customers of TI to acquire knowledge on the products, showcasing the Power Switches TI offers and providing end-equipment reference designs as well as examples of use-cases: https://www.youtube.com/watch?v=c4Z7RFGVw6s
- Produced a pricing report by analyzing data of existing prices of TI products as well as competitor pricing using data analysis tools

TAMU HACK 2022 – SafeStreets **Jan 2022 – Jan 2022**

- Placed 3rd at TAMU Hack among 457 participants.
- App produced, finds the safest route using crime data in an excel sheet and produces the safest route on Google Maps using Python for the back end and Javascript, CSS, and HTML for the front-end.

Helpdesk Consultant **Jan 2023 – Present**

TAMU High Performance Research Computing

- Provided customer support to students across the university with their cluster related issues on Grace, Terra,

and FASTER

- Working on a presentation to present and educate the audience about the Slurm Job Scheduler