Eshan Parmar

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EDUCATION

University of Pittsburgh – Pittsburgh, PA   April 2022
B.S Computer Science with an Economics Minor
- **Relevant Coursework:** Algorithms Implementation**|**Data Structures**|**Discrete Math**|**Systems Software**|**Computer Organization and Assembly Language**|**Formal Methods in Computer Science**|**Machine Learning**|**OS**|**Intro to HCI
- **Technical Skills:** Java**|**C++**|**C**|**JavaScript**|**React Native**|**React**|**HTML**|**CSS**|**Arduino**|**Git**|**Android Studio**|**MIPS**|**Python**|**MatLab**|**Octave

AWARDS/HONORS
- Eagle Scout   October 2018
- 1st Place Tartan Hacks Grand Prize Winners   February 2019

PROJECTS
https://github.com/EParmar18

Braille Buddy – Personal Project   February 2019
- Used **C++/Arduino** to convert any English input into a mechanical braille output. The goal of our project was to assist blind/non-blind people with learning braille through our machine.

Creddy - Personal Project   February 2020-April 2020
- Used **Python/Javascript/HTML/Sigma.js Library** and **NASA ADS API** to create a Research Paper Aggregation and Data Visualization tool for anyone looking for published sources

Hand-Written Digit Recognition through Neural Networks   July 2020
- Created a backpropagation algorithm, learned the parameters necessary for a neural network to recognize various handwritten digits in **MATLAB.**

JPMC Code for Good Hackathon   September 2020
- Created a website and alumni mapping network for the non-profit college Paul Quinn. Used **Adobe XD/HTML/CSS/ReactJS** for front end development and **Google Maps API/Python Django/SQLite Database** for backend
- Led the Front-end design and created a cross-device functional webpage that fit the consumer's needs.
- 1 of 177 participants chosen out of 4000 applicants to compete at the hackathon

PittCSC Summer Internship Repository   September 2020 - Present
- Actively manage one of the most used SWE Summer internship repositories with >2,500 stars on Github and peaking at >100,000 monthly users.

ACTIVITIES

Undergraduate Teaching Assistant   January 2021 - Present
- Undergraduate Teaching Assistant for Intermediate Programming using Java

Panther Algo Trading - Vice President   January 2021 - Present
- Lead club logistics and planning of inter-member events

Kappa Theta Pi Member   October 2020 - Present
- Member of a Co-Ed professional technology fraternity

Pitt Computer Science Club - Mentor   September 2019 - Present
- Mentoring three incoming freshmen and sophomores to assist in CS-related coursework

Business Technology Association – Technology Development Member   October 2018 – Present
- Used **Agile** Development methodologies to program and engineer software solutions.

EXPERIENCE

Internship at iBusiness Solutions– Mechanicsburg, PA   May - June 2019
- Worked on QA for a professional interviewing software and website revisions which led to increased sales.

CERTIFICATES
- ML Certificate: Credential ID: N58STNLWF3F