PALAK AGRAWAL

SOFTWARE DEVELOPER

CONTACT

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SKILLS

- Java
- Python
- Objected Oriented Programming
- Data Structures
- Microsoft Visual Studio
- Microsoft Office

PERSONAL SKILLS

- Problem Solving
- Communication
- Teamwork
- Leadership

EDUCATION

New Jersey Institute of Technology *Sept 2021 - Present*

Bachelor of Science in Computer Science *GPA: 4.0*

Expected Graduation: May 2024

- Albert Dorman Honors Scholar
- Ying Wu College of Computing
- Current Coursework: Data Structures and Algorithms

EXPERIENCE

Academic Tutor *Sep 2018 - Dec 2018*

Self-Employed

- Tutored students between the ages of 5 and 8 in English and Mathematics
- Utilized leadership and communication skills to teach and manage multiple young students
- Managed finances and marketing sources for the program

PROJECTS

Interactive Educational Toy about the Solar System

- Created a program that prompted questions from a randomized bank, waited for answer inputs, and responded with the accuracy
- Used hardware such as a speaker for question output and a number keypad for answer input
- Utilized Python and a Raspberry Pi to run the toy's program

Programmed Pyramid Solitaire Card Game

- Programmed a card game for players to use online.
- Utilized Graphical User Interface and Object Oriented Programming in Java

LEADERSHIP ROLES

Programming Team Captain - Robotics Team

- Led the team in writing code needed for the robot that would compete in the First Robotics Competition
- Collaborated with the electrical and mechanical teams to build the functionality of the robot succesfully