

Arshpreet Singh Sandhu

sanda09@pfw.edu | 470- 265- 2049 | Atlanta | Georgia | 30062

LinkedIn: www.linkedin.com/in/arsh-sandhu-ba0a14256

SKILLS

Tech Enthusiast Computer Science Undergraduate with proficiency in programming languages like Java, C++, and Python. Strong analytical and problem-solving skills, demonstrated through completing complex coding assignments and projects. Excellent leadership and communication skills honed through club activities and group projects. Passionate in graphic designing and sports journalism.

EDUCATION

Purdue University

◦ B.S in Computer Science (*Honors*) | Minor: Mathematics

◦ GPA : 3.81/4 | *Dean's List*

◦ Relevant Coursework: Analytical Geometry and Calculus, Object Oriented Programming (Java), Discrete Math

Indiana

Expected Graduation, May 2027

ADDITIONAL COURSES AND CERTIFICATIONS

CACMS

Programming in C++

Amritsar, India

May 2023- July 2023

- Completed 2 months of certified training in C++ offered by the CACMS institute
- Demonstrated problem-solving skills through hands-on coding assignments and real-world programming challenges

Microsoft

Introduction to Artificial Intelligence & Career Essentials in Generative AI

Online

Aug 2023- Oct 2023

- Explored the world of AI and got familiarised with its use in businesses and tech companies
- Enhanced myself with the basics of Machine Learning, Artificial Neural Networks, and Common AI systems
- Learned about ML Algorithms like K Nearest Neighbour, Regression Analysis, and K Means Clustering

PROJECTS

Object Oriented Banking Software

Developer

Fort Wayne, Indiana

November 2023

- Designed and built a Java ATM simulation program with Account and ATM classes allowing users to open/access accounts, make deposits/withdrawals, and conduct financial transactions
- Implemented core functionality like random PIN generation, balance tracking, input validation, and customized console output for an interactive user experience
- Demonstrated strong OOP skills and Java coding best practices including modularization, code reuse, documentation, testing, and attention to specifications

Game Design Using Microcontroller

Leader of Team Charlie

Delhi, India

June 2022

- Designed 4 games using Python and connected them to microcontrollers to create more autonomy
- Built a snake game where its body size increases when it eats, but when a microcontroller is attached, the snake's movement and direction became autonomous

LEADERSHIP AND ACTIVITIES

Indian Student Association

Secretary

Fort Wayne, Indiana

Aug 2023 - Present

- Graphic Designing: Created posts, flyers, and logos through Canva and popularized the club activities
- Content Management and Social Media Handler: manage Facebook and Instagram accounts to update members about upcoming events and promote Indian Culture in the university.
- Organizational Skills: work with the team to make decisions for a community of 400+ members

Dean's Ambassador

College of Engineering, Technology and Computer Science

Fort Wayne, Indiana

December 2023 - Present

- Dedicated to showcasing the College of Engineering, Technology, and Computer Science to prospective students and their families.
- Leveraging unique opportunities to network with key university stakeholders, enhancing communication skills, and fostering professional growth.