VIKRAM MISHRA

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Website: http://vikramdesign.com

Education

University of Cincinnati
Class of 2025 | Cincinnati, Ohio | GPA 3.68
College of Design Architecture, Art, and Planning
Bachelor of Science in Industrial Design
Minor in Computer Science
Participating in the Professional Practice Program, alternating semesters of classroom study with work in the field of design.

Inventure Academy
Class of 2020 | Bangalore, India
Design and Technology, Physics, Chemistry, Math, Computer Science and English
Cambridge AS and A Level

Honors and Awards

1st Prize at UC Startup Weekend for developing a drone based automated solution for early stage detection of invasive species in farms (2023)

Dean's List at University of Cincinnati (2020 - 22)

1st Prize at UC Sustainable Invention Immersion Week for developing an AI powered waste segregation system for hospitals (2022)

Top 3 Finalist in the Cybersecurity in the Age of IoT from New York Academy of Sciences (2020)

Top 3 Teams at Inventure Changemaker Challenge for Joule Thief Lamp product and received INR 90,000 funding (2019)

1st prize at Teen Turks Young Entrepreneurs Challenge for Joule Thief Lamp product and business model from over 1400 teams (2019)

First place at International Artificial Intelligence Fair - Beijing for a machine learning based book recommendation system (2019)

Activities

2021-2022 | Python Coding Instructor
Facilitated online classes with Whiz Learning Kids to teach python programming to young teenagers

2021 | UC Student Orientation Leader

2016-2021 | Whitefield Rising Volunteer
Actively participated in tree census, spot-fixes, lake cleanup, e-waste collection, and civic issues.

Skills

Adobe Indesign, Photoshop, Illustrator, and Acrobat
Solidworks, Fusion 360, and Keyshot
Python Programming and Computer Vision
Raspberry Pi and Arduino Platform

Work Experience

Sep 2022 - Dec 2022 | Proctor & Gamble | Mechanical Engineer & Industrial Design Co-op | Cincinnati, Ohio
Developed working prototypes for consumer testing using 3D Printing and electronics. Engaged in home and fabric care upstream research and development.

Jan 2022 - Apr 2022 | Sensio Enterprises | Intern
Co-op at a medical and life-style design start-up. Worked with a co-founding team as an Industrial Design intern to design and render a smart ring with modular sizes and explored material options.

Dec 2019 - Aug 2020 | Tensor Digital Solutions | Full-time | Intern | Bangalore, India
Developed computer vision algorithms and built hardware for a currency authentication machine. Tested different computer vision techniques and performance on a Raspberry Pi 4. Worked with an external client. Led development of a self-directed autonomous UV sterilization robot.

July 2019 | Mu Sigma | Full-time | Intern | Bangalore, India
Collaborated in a group of 5 interns and a mentor. Used machine learning models to predict customer churn for a telecommunications company.