

# 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

**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)

**3rd place at OakCodefest** for making a sign language to speech translator program leveraging image processing with Python (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 - Present | 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.