

VIKRAM MISHRA

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Website: <http://vikramdesign.com>

Education

University of Cincinnati

Class of 2025 | Cincinnati, Ohio

College of Design Architecture, Art, and Planning

Bachelor of Science in Industrial Design

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

Work Experience

Feb 2024 - March 2024 | Magical.Toys | Hardware Consultant | San Francisco, CA

Designed, manufactured, and shipped compact and child-friendly 3D printed prototypes at a hardware AI startup that uses LLM models in soft toys designed for kids.

Sep 2022 - August 2023 | 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 startup. 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.

Jan 2020 - Aug 2021 | 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.

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

Participated in lake cleaning and e-waste collection.

Skills

Adobe Indesign, Photoshop, Illustrator, and Acrobat

Solidworks, Fusion 360, and Keyshot

Python Programming and Computer Vision

Raspberry Pi and Arduino Platform

Honors and Awards

Won Cincinnati Business Achievement Awards

Student Pitch Competition and recieved a grant for my startup project Weedless Robotics (2023)

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 - 23)

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)

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

Projects

Weedless Robotics | Autonomous weeding robot and custom built drone with on board AI algorithm

Joule Thief Lamp | An accessible lamp powered by residual energy from discarded household batteries