

VIKRAM MISHRA

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Website: <http://vikramdesign.com>

Education

University of Cincinnati
2020 - 2024 | 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 received 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