Contact

prajapatipradip8636@gmail.com

www.linkedin.com/in/pradip-prajapati (LinkedIn)
pradip-dp.github.io/Portfolio (Personal)

Top Skills

Formal Verification

Functional Verification

MATLAB

Languages

Hindi (Native or Bilingual)

French (Elementary)

Gujarati (Native or Bilingual)

English (Professional Working)

Certifications

Nano Tips for Finding Happiness Through Empathy with Shadé Zahrai

The Courage Habit (getAbstract Summary)

Goal Setting: Objectives and Key Results (OKRs)

Teamwork Foundations

DVCon India 2025 - Papers

Honors-Awards

Dean's List

Dean's List

Cargill Global Scholar

Best Paper Award

Pradip Prajapati

Formal Verification Engineer, Synopsys | Cargill Global Scholar | Passionate about Machine Learning | Alumnus of IIT Gandhinagar
Bengaluru, Karnataka, India

Summary

I'm deeply passionate about mathematical and logical problem-solving, particularly within the realm of hardware design. My focus lies in crafting efficient formal environments to ensure quality in industry-leading chip designs. I'm fascinated by the intersection of mathematics, logic, and technology, and I'm dedicated to leveraging Neural Networks to enhance the chip design cycle. I thrive on challenges and am committed to driving progress in this dynamic field. Let's connect and explore opportunities to collaborate for impactful results in hardware design.

Experience

Intel Corporation
Formal Verification Engineer
June 2022 - Present (3 years 8 months)
Bengaluru, Karnataka, India

Redpine Signals
VLSI Intern
May 2021 - June 2021 (2 months)
India

Amalthea, IIT Gandhinagar
2 years 2 months

Marketing coordinator
March 2019 - September 2020 (1 year 7 months)
IIT Gandhinagar

amalthea executive
August 2018 - March 2019 (8 months)
Gujarat, India

Necessario innovations pvt. ltd.

Machine Learning Model Developer
April 2020 - June 2020 (3 months)
Gandhinagar, Gujarat, India

Interned as a face-detection and recognition model developer for the organization's outdoor camera device "Snapper". Worked with various Python Machine Learning libraries like FastAI, OpenCV and NumPy to achieve the objectives.

Education

Indian Institute of Technology Gandhinagar
Bachelor of Technology - BTech, Electrical Engineering · (2018 - 2022)