

Jacob Prabhu

Contact@JacobPrabhu.com
JacobPrabhu.com

EXPERIENCE

NVIDIA Corporation, Santa Clara, CA—Ignite Intern Summer 2025

- Selected for NVIDIA's Ignite program to support silicon validation, performance analysis, and system-level debugging as part of the Silicon Solutions Group, contributing to next-gen GPU and SoC development.

EDUCATION

University of Illinois Urbana-Champaign, Champaign, IL—Bachelor of Science in Computer Engineering

GPA: 4.0 | James Scholar | Dean's List

Expected Graduation: May 2028

Relevant Coursework:

- ECE 120: Introduction to Computing
- CS 124: Introduction to Computer Science (Java)
- MATH 241: Calculus III

Activities:

- Member**, UIUC IEEE
Learning various programming and design skills ranging from MatLab & KiCad to soldering.
- Member**, Illini Solar Car
Working with the Hardware Team to design and build circuit boards, power supplies and controllers.

Stanford University, Stanford, CA—Summer Classes Summer 2023

GPA: 4.0

Relevant Coursework:

- EE 101A: Circuits I, CS 106A: Programming Methodology (Python)

Sacred Heart Preparatory, Atherton, CA—High School Diploma August 2020 - May 2024

GPA: 4.02

SKILLS

Programming:

Python, Java, HTML, C++

Hardware & Design:

Circuit design, PCB layout, microcontrollers, soldering

Software Tools:

VSCode, ArcGIS, Arduino, KiCad, MATLAB

CERTIFICATIONS

Disaster Risk Monitoring Using Satellite Imagery

(NVIDIA): Fundamentals of building and deploying a deep learning model to automate the detection of flood events using satellite imagery.

Develop, Customize, and Publish in Omniverse With Extensions

(NVIDIA): Introduction to creating custom Omniverse extensions using Python, integrating USD workflows, and deploying interactive tools.

AWARDS

Academic Excellence Award in Computer Science (Sacred Heart Preparatory):

Given to the top Computer Science student in the Class of 2024.

LANGUAGES

English, Spanish