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MD

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Evaluations (/stu/experiences/890801/evaluations)

ORGANIZATION

Inception Robotics
(/stu/employers/846610)

TERM

Winter 2025-2026

TEMPLATE

ENGR ENCO
Enrollment for CPT
(International
Students)- CS &
Data Science:
choose EITHER
ENCO OR UNIV-
NOT both.
Choosing both will
cause delays.
"Expediting" is not
possible.

Attachments (/stu/
experiences/890801/
attachments)



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Student

NAME

Manas Desai

CURRENT SCHOOL YEAR

Masters

SCHOOL

University of Maryland - College
Park (/stu/schools/1075)

Experience

TITLE:

Computer Vision Intern

SALARY

\$18.00 (hourly)

DEPARTMENT

Inception Robotics

EXPERIENCE TYPE

Internship - Full-Time

INDUSTRY

Internet & Software

ACCEPTANCE DATE

01/06/2026

START DATE

01/09/2026

END DATE

01/25/2026

Organization

ORGANIZATION

Inception Robotics


LOCATION

4467 Technology Drive, College Park,




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PHONE
(240) 764-9608

Maryland 20742, United States

 [11 \(/notifications?ref=navbar\)](/notifications?ref=navbar)  MD
team@inceptionrobotics.ai
(mailto:team@inceptionrobotics.ai)

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[New Attachment \(/stu/experiences/890801/attachments/new\)](/stu/experiences/890801/attachments/new)

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Approvers

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Please list the email and name of your Company Supervisor below to begin your CPT approval process. Your Company Supervisor is preferred, but a Company Representative is acceptable. The individual you list here will receive an email asking them to confirm the terms of your internship for CPT. Please confirm you are listing the correct individual prior to submitting this form.

STATUS:

Approved:

NAME

Adarsh Jagan Sathyamoorthy

TITLE:

Robotics Research Scientist

EMAIL ADDRESS

adarsh@inceptionrobotics.ai

PHONE NUMBER

240 302 6064

Engineering Career Services will be the next to approve your CPT application.

STATUS:

Approved:

NAME

Engineering Career Services

TITLE:

Not Specified

EMAIL ADDRESS

careerengr@umd.edu

PHONE NUMBER


Not Specified

Survey Response




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Submitted by Manas Desai, on 06 January 2026 at 03:32 PM

1. UID Number

- 120998973

2. UMD Email Address

- mdesai01@umd.edu

3. Degree

- M.Eng

4. Major

- Robotics

5. Expected Graduate Date (MM/YY)

- 05/26

6. My GPA is at least a 2.0 (for B.S.) or 3.0 (for M.S./PhD)

- Yes

7. Gender

- Male

8. Supervisor Name

- Adarsh Jagan Sathyamoorthy

9. Supervisor Title

- Robotics Research Scientist

10. What type of position is this?

- In Person

11. During the Fall/Spring, F-1 students may only work 20 hours/week. Please confirm your hours below:

- Summer/Winter: up to 40+ hours/week

12. Learning Goals: How does this internship relate to your major program of study at the University of Maryland? Please provide 3-4 sentences.




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- As a Computer Vision Intern at Inception Robotics, Design and implement pipelines for reading printed text (OCR) from complex medication packaging using computer vision techniques. Fine-tune or integrate large vision-language models (e.g., Florence, Llama, Qwen) to improve understanding of label contents (e.g., drug name, dosage, expiration). Assist in dataset preparation and annotation of medicine imagery. Evaluate model performance and optimize inference pipelines for speed and accuracy. And all of this is being done for performing accurate manipulation using the MedSort robot, hence it is very much related to my background in Robotics.

13. By typing out my FULL name below, I confirm I have read and understood the requirements outlined.

- Manas Saumil Desai

14. By typing out my FULL name below, I confirm I have read and understood this agreement (go.umd.edu/ecscptagree) and will pay \$78 to UMD in Fall/Spring for ENCO 099 and \$30 in Summer II/Winter to enroll in ENCO 098.

- Manas Saumil Desai

15. By typing out my FULL name below, I confirm I have read and understood the requirements for uploading my offer letter (I MUST upload my Offer Letter under the "Attachments" section on the next screen. My offer letter must contain ALL components outlined in the sample offer letter. My offer letter MUST adhere to the dates outlined on: go.umd.edu/cptdeadlines).

- Manas Saumil Desai

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