


[Welcome](#) [Projects](#) [Application](#)

The application deadline is Wednesday, **September 22, 2021, at 1 p.m. Pacific Time (PT)**.

Application ID: **106956**

Application Status: **Complete**

The above status will display "Complete" when your application is complete (all required fields have been inputted and documents uploaded). There is no "Submit" button - your application will be automatically submitted at the application deadline. Please ensure all required fields are completed, saved, and the above status shows "Complete" before the deadline passes, or your application will be found ineligible.

Note additional requirements for applicants from India:

Partners: All India Council for Technical Education (AICTE), Shastri Indo-Canadian Institute (SICI)

Eligible institutions in India: [View list](#) – no other institutions can be added

Eligible applicants: Indian citizens; full-time undergraduate students (or combined undergraduate/master's program) with one to three semesters remaining in their program as of Fall 2022

Eligible disciplines:

- AICTE: Engineering
- SICI: All

Minimum cumulative grade point average:

- AICTE: 80%
- SICI: 70%

[Save](#)

▼ Personal Information



Given Name *

Mansi

Middle Name(s)

Family Name(s) *

Uniyal

Additional Email

Gender *

Date of Birth *



Country or region where you are enrolled full-time at an eligible university *

Preferred language of correspondence *



After selecting your country, review the blue box with additional information at the top of this page.

Passport Valid *

Citizenship *

Second Citizenship, if applicable

Do you have an active passport that is valid until January 2023? Please note that you do not need a valid passport to apply, however, if you are successful you will be required to provide valid passport details by February 1, 2022. If you do not currently have a passport that is valid until January 2023, we encourage you to obtain that now – don't wait to see if your application is successful. Successful applicants will be asked to upload a copy of their passport to the student platform in February (Mitacs does not collect documents via email).

Country of Passport *

By clicking this box, I acknowledge that I wish to receive information directly from Mitacs, or Mitacs's Canadian university partners about opportunities for international studies via email. I understand that I can withdraw consent at any time, subject to contractual restrictions and reasonable notice, by contacting helpdesk@mitacs.ca, for any of the express purposes identified above.

By clicking this box, I acknowledge that I consent to being contacted by Mitacs for research purposes within five years of having applied to this program. This consent applies regardless of whether or not my application to the Globalink Research Internship is successful. I understand that I can withdraw consent at any time, subject to contractual restrictions and reasonable notice, by contacting helpdesk@mitacs.ca, for any of the express purposes identified above.

Education



Home Institution *

Academic Department *

Province/State/Prefecture of Home Institution *

Discipline Category *

Enrolled Program Type *

If my application is successful and I complete my Globalink Research Internship, I will have at least 1 semester remaining, and no more than 3 semesters remaining in my undergraduate or combined undergraduate/master's program. Undergraduate programs are considered a 3-year bachelor's degree program, 4-year bachelor's degree program or a 5-year combined bachelor's/master's program. Please note: if you do not meet this requirement, review the requirements for your country to determine if any exceptions can be made. If yes, check this box. *

Anticipated month and year of graduation from your current program

Month *

Year *

April

▼

2020

▼

My average grade is * ?

92.6

out of
100 I have completed an English or French Proficiency Exam. ?

English or French Proficiency Exam Name

English or French Proficiency Exam Score and Scale

0

out
of

▼ Background and Research Interests ✓

General description of skills, background knowledge, research interests and experience *

My primary research interests lie in Deep Learning and Machine Learning, with a particular interest in Computer Vision applications. I am skilled with libraries like Keras, TensorFlow, PyTorch, SpaCy, NLTK, and Sklearn. I have worked under professors from my institute on Geo-satellite Image Segmentation, Image Enhancement using GAN, and Eye movement type classification. Recently, I'm working on a foreign training summer research project under professors at Deakin University, on Supervised Learning: Unicasting vs Averaged Broadcasting. I have also been working as a Machine Learning Engineer at Chi SquareX. This company solves clients' needs of applying Deep Learning to real-world projects.

Word count: 98

Please keep to a maximum of 100 words

Notable Achievements *

One of my most significant achievements is co-authoring a paper and presenting it at the International Conference on UNMANNED AERIAL SYSTEMS in GEOMATICS-2021, India, on "Deep learning-based architectures for semantic segmentation of aerial imagery". I have worked under Professor Aithal, IIT Kharagpur, emphasizing on CNN application on building segmentation from Geo-Spatial images from various parts of India. Securing a foreign research opportunity from Deakin University, Australia, has been an achievement as well. We have been achieving notable performances on the result, and we aim to publish the same in a conference or journal submission.

Word count: 93

Please keep to a maximum of 100 words

In your ideal internship project, how frequently would you be engaged in the following activities? *

1. Analyzing data or information

- never
- sometimes
- often
- very often

2. Conducting surveys or administering questionnaires

- never
- sometimes
- often
- very often

3. Conducting interviews

- never

- sometimes
- often
- very often

4. Creating drawings, models, or designs

- never
- sometimes
- often
- very often

5. Gathering information from archives, published works, documents, or recordings

- never
- sometimes
- often
- very often

6. Making observations outside of a laboratory or controlled environment

- never
- sometimes
- often
- very often

7. Performing controlled experiments

- never
- sometimes
- often
- very often

8. Programming, scripting, or coding

- never
- sometimes
- often
- very often

9. Reading research literature

- never
- sometimes
- often
- very often

10. Solving mathematical problems

- never
- sometimes
- often
- very often

11. Using hand or machine tools, laboratory equipment, or scientific instruments

- never
- sometimes
- often
- very often

12. Writing reports

- never
- sometimes
- often
- very often

13. Meeting or discussing with the supervisor

- never
- sometimes
- often
- very often

14. Working on tasks that require teamwork

- never
- sometimes
- often
- very often

Have you completed any research outside of your degree coursework? *

Yes



If so, approximately how many hours of research have you completed? *

500+ hours



Briefly describe the research work you have completed *

I have worked under professors from my institute on Image Segmentation for Building footprints using CNN, Image Enhancement using GAN, and Eye movement type classification. The work on image segmentation of building footprints had been presented and published. The project aimed to enhance results over various CNN architectures like Unet, Resnet, Inception net, VGGnet, and Segnet. I'm currently working on a project under professors at Deakin University on Supervised Learning: Unicasting vs Averaged vs Multicasting Broadcasting. It emphasizes improvement in communication and computational efficiency, privacy issues, and effective performance over existing learning methodology.

Word count: 92

Please keep to a maximum of 100 words

▼ Experience with Mitacs



Please select how you heard about Mitacs *

Your home institution's website



I am available for at least 12 weeks in the summer of 2022 *



Yes



I acknowledge that I will be available to arrive for my internship between May 1, 2022 and July 31, 2022. I will disclose my availability to potential host professors during the matching process. *

I have been awarded a Globalink Research Internship project in the past.

Students are only permitted to complete one Globalink Research Internship. If you completed this program in the past, your application will be found [available](#). If you applied but were unsuccessful, you are welcome to apply again.

Ineligible. If you applied but were unsuccessful, you are welcome to apply again.

▼ Academic Reference



You are required to provide one reference letter from a professor. You have two options to collect reference letters. You may use either option or a combination of both.

Option 1: Invite your referring professor(s) to submit a confidential reference letter to Mitacs.

In the following fields, please enter the first name, last name, and a valid email address for at least one and at most two academic references. Only one reference is required for your application to be considered complete.

- Please choose your referencing professor carefully. Once you have invited them, follow up with them to ensure that they have received the email and know to complete the reference before the application deadline.
- IMPORTANT: If your reference does not receive the email inviting them to upload a reference letter within 24 hours, please use the “resend” button to send it again. If your reference still does not receive the invitation email, please ask them to check their junk mail and spam filter settings for emails from noreply_globalink@mitacs.ca.
- If you need to reset a reference due to an error and/or to change an email address, please use the “reset” button. Please note that this will erase all information relating to that reference, will delete any uploaded document, will notify them, and will disable the upload link they were previously sent.
- You are welcome to reset and resend the reference as many times as needed. If this option does not work for your professor, please use Option 2 instead.

You will be able to see the status of the reference invitation (if a letter has been submitted or not). However, please note you will not be able to view the letter your referee uploads.

Invited Reference 1

Referring Professor 1 - First Name

Jihong

Referring Professor 1 - Last Name

Park

Referring Professor 1 - Email Address

jhpark.james@gmail.com

[Re-invite your referring professor](#)

[Reset](#)

Latest reference submitted by Jihong Park. File name: Mansi_Jihong Park.pdf

Invited Reference 2

Referring Professor 2 - First Name

Bharath

Referring Professor 2 - Last Name

Haridas Aithal

Referring Professor 2 - Email Address

bhaithal@iitkgp.ac.in

[Re-invite your referring professor](#)

[Reset](#)

Latest reference submitted by Bharath Aithal. File name: Mansi_Draft_LOR.pdf

Option 2: Upload reference letter yourself

Upload reference letter yourself: [Upload](#)

If you are uploading more than one reference letter yourself, please combine them into a single file. If you need to update/change/remove an uploaded file, please upload a new file – this will replace the previously uploaded file.

Permitted document format: *.pdf, *.doc, *.docx, *.jpg, *.jpeg

Maximum size allowed: 2MB

▼ Acknowledgements



Acknowledgement Declaration

By submitting my application to the Globalink Research Internship, I:

a) Acknowledge that the Globalink Research Internship is an initiative funded by the Canadian federal and provincial governments and by international funders. Canadian government funders require regular monitoring and reporting to ensure transparency of public funding. International funders may also require information for reporting and payment purposes and to approve internships. Mitacs will share your application information with these funders in accordance with its Privacy Commitment to Program Participants (<https://www.mitacs.ca/en/website-privacy-statement>).

b) Acknowledge that Mitacs will share part or all of the application and any supporting documentation provided, as required, with any professors who are supervising projects for which I am applying through the Globalink Research Internship Student Application. Those professors agree to keep this information confidential before having access to it.

c) Declare that I am 18 years of age or older at the time of submitting this application, which is when this consent becomes active. In Canada, the age of majority (or the age of adulthood) is 18 years of age. Mitacs Globalink Research Internships are only open to those 18 years of age and older.

d) Hereby swear that the information contained within this application is true and accurate to the best of my knowledge at the time of submission. I understand that Mitacs and its funding partners will not tolerate any misrepresentation of information provided in this application, and if I am found to be providing wrongful information or copying any part of this application, my application will be terminated.

e) Understand that Mitacs reserves the right to make determinations about my eligibility to participate in a Globalink Research Internship and is not required to divulge specific information about the adjudication of my application.

f) Acknowledge that if I am selected for a Globalink Research Internship I must possess a passport that is valid until January 2023. I agree to provide a copy of my passport and passport information to Mitacs no later than February 1, 2022.

g) Acknowledge that if I am successful, I must adhere to the [Participant Expectations](#) and Mitacs Programs' [Terms and Conditions](#), which outline participant's responsibilities.

Have you read the Mitacs Globalink Research Internship Acknowledgements? *

Yes

Do you agree to the Mitacs Globalink Research Internship Acknowledgement statements? *

Yes

My Projects

Browse for projects using the "Projects" tab above.

- Once you have applied to projects, use the "up" and "down" buttons below to rank your selected projects and ensure they are displayed in your preferred order (i.e. 1 is your most preferred project, while 7 is your least preferred project).
- Matching and selection for internships will be based in part on the preferences of student applicants.
- You must apply for a minimum of 3 projects in 3 different provinces, up to a maximum of 7 projects.
- You must click the "Confirm project list change" button to save your project selections.
- If the "confirm project list change" is enabled, this means your project selections have not been saved to your application.

Confirm project list change

Rank:

Province:

Project Title:

Change Rank

Delete

1	Ontario	Image analysis in heart disease using MRI			
2	Alberta	Deep Biomedical Image Understanding			
3	Alberta	Pattern recognition for safe blood brain barrier			
4	British Columbia	Deep learning modules for Medical Imaging CI			
5	British Columbia	Data analysis and visualization for community			
6	Ontario	Machine Learning for Brain Neural Signal Proc			
7	Manitoba	Deep learning for integrating multimodal data f			

▼ Documents



Please upload the following documents:

- Resume/CV: Your resume/CV should provide information on your academic background and your academic, research and industrial experience. You can submit your own CV or [download the Mitacs template](#) (either is acceptable – using your own template will not negatively impact your application).
- Transcript: You are required to submit official transcripts that show your academic history since you started your undergraduate or combined undergraduate/master's program. If you attended more than one accredited university since you started your program, you will need to provide a transcript from each university. It is preferred that you combine all your transcripts into one PDF document. However, the application allows you to submit up to 4 different PDF files under the transcript section.
 - A transcript is a detailed record of your marks or grades that has been generated by your current or former university. Usually this will be an official document, either on paper or online, with a list or table of the individual modules, papers or courses you have completed with a numerical and/or letter grade against each. It may also give an overall grade for your qualification. As you have not yet completed your current degree, you need to submit an official interim/provisional transcript from your institution with details of the grades you have received so far.
 - If your transcript is not in English or French, upload a translated and notarized version.

Document Type	File Name	Required	Upload	Delete
Resume/CV	CV_Mansi.pdf	Required		
Transcript 1	Grade_card_4thsem.pdf	Required		
Transcript 2		Optional		
Transcript 3		Optional		
Transcript 4		Optional		

Permitted document format: *.pdf, *.doc, *.docx, *.jpg, *.jpeg
 Maximum size allowed: 2MB

Save

Privacy Statement

Version: 1.21.09.03a