



STEVENS
INSTITUTE of TECHNOLOGY
THE INNOVATION UNIVERSITY

Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030-5991
201.216.5210
FAX 201.216.8030
Office of the Registrar
registrar@stevens.edu
<http://www.stevens.edu/registrar>

Request for Special Problems Course

Submission of this completed form constitutes an enrollment form for a Special Problems course.

Student Name: Neel Haria Student Identification No.: 10446034

Term: ☐ Fall ☐ Winter ☐ Spring ☐ Summer I ☐ Summer II ☐ Year

Year: 2021

Course Number (include subject prefix): CPE 800 Credits: 3.0

Title of Problem: Link Prediction Based on Graph Neural Networks

Brief description of the Problem: _____

Link prediction is a key problem for network-structured data. Link prediction uses score functions to

find if links are likely to be connected. However every heuristic has a strong assumption on when

two nodes are likely to be linked which leads to limit their effectiveness on networks where these

assumption fails.

Describe how this project will contribute to your educational development: _____


This project will help me gain immense knowledge on GNN and give me a chance of working with


Data structures and algorithms which will play an important role in becoming a Software/Computer Engineer.

Rubric for Grading (Instructor): Please refer to the attached syllabus.

Approval Signatures:

Neel Haria	1/7/21
STUDENT	DATE

 Min Song	1/8/2021
INSTRUCTOR (Print and Sign)	DATE

	1/8/2021
DEPARTMENT DIRECTOR	DATE

DEAN OF GRADUATE ACADEMICS (Not needed for SYS and FE Special Problems)	DATE
---	------

REGISTRAR	DATE
-----------	------