UNDERGRADUATE/GRADUATE INDEPENDENT STUDY/RESEARCH

University of the Pacific SCHOOL OF ENGINEERING & COMPUTER SCIENCE

Name:				I.D.#			_
Course:_	COMP 191	Units:	_4	Term:_	Fall 202	2	
with the	University Individualized term for which it is regis	Study Request stered. Attach	t Form. A addition	All independent al pages a necess	study cours sary.	her advisor or the instructor alove work is expected to be composed / PROJECT / ETC.	
Title:	_Deep Learning Images_						
1. TOPIC	<u>C</u> , or statement of general §	goal or purpos	e of stud	y.			
	s of this study is on deep le uta using deep neural netw		thms in a	a hands-on mann	er, in partic	cular what can be learned fron	1
	IFIC OBJECTIVES OF ST d, knowledge achieved, or				ish? State o	objectives in skills to be	
* Tensor * Funda * Funda * Convo * Data a	Torch in deep learning as and their role in maching mentals of training models mentals of neural networks jugmentation segmentation	and their val		ı			
	Y DESIGN AND RESOU activities, etc. How are yo					rimentation, laboratory	
	PyTorch :: Deep learning with PyTo s: Reading assignments, E.				ehmann. 20	20. Manning.	
	HOD OF EVALUATION: lals; date of critique by ins				n paper repo	ort or other written	
Weekly e.	eading assignments: 0% o xercises: 40% of the grade project: 60% of the grade (?	· 1, 2022)			
5. EXPL	AIN how the course is into	ended to apply	to your	graduation requi	rements.		
This cour	se counts as upper-level COM	<i>MP elective tow</i>	ards the re	equired units for g	raduation in	n Computer Science.	
6. <u>IMPO</u>	RTANCE OF STUDY: Ho	w does your p	roposal o	contribute to you	ır education	and life goals? (If appropriate	e.)
course h	learning in general, and a elps the student to get intro areer goals in academia a	oduced to the j	undamer	ular, play signific ntals of this ever	cant roles in growing fie	n computer and data sciences. eld, and acquire the needed sk	This ills to
Student's	s signature					Date	
Instructo	r's approvalSepehr Am	ir-Mohammac	lian			Date	

Distribution: Student, Registrars, Advisor