

Dhawal Joharapurkar

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Education	University of California , Santa Cruz	2016–2019
	M.S. in Computer Science (Discontinued the Ph.D. program.)	
	M.S Project: User Expertise Detection in Online Communities	

Manipal Institute of Technology, Manipal 2011–2015
 B.Tech in Computer Science & Engineering
Bachelor Thesis: Temporal Scoping of Facts in a Knowledge Base

Work Experience **Amazon.com**, Palo Alto Jun '19–Aug '19
 Applied Scientist Intern
 Mentor: Dr. Parth Gupta

- Prediction of behavioral priors for item cold start problem using neural networks
- Work to replace several GBDTs with a single multi-output NN that predicts behavioral priors

Lam Research, Fremont Jun '18–Sep '18
Intern, Global Information Systems
Mentor: Amod Ghangurde

- Initiated the standardization of the Python development environment across business units
- Foundational work on using Natural Language Processing at Lam Research. Used NLP to augment existing ML systems by ingesting text from Lam Knowledge Documents.

Chobanian Group, San Jose Jun '17–Aug '17
 Research Intern, Data Science Group
 Mentor: Dr. Tyler Munger

- Expert identification in large delivery organizations
- Statistical Relational Learning approaches to expert identification

Xerox Research Centre India, Bangalore Jun '15–Jan '16
 Research Intern, Machine Learning and Statistics Group
 Mentors: Dr. Vaibhav Rajan and Sumit Negi

- Analysis of clinical notes of ICU patients using Topic Models
- Created a plotting tool to highlight different statistics across classes

Indian Institute of Science, Bangalore Dec '14–May '15
 Project Trainee, Supercomputer Education and Research Centre (SERC)
 Mentor: Prof. Partha Talukdar [MALL Lab]

- Temporal scoping and ordering of relations in a knowledge base
- Entity linking and disambiguation in large text corpora

Indian Institute of Technology, Kharagpur May '14–Jun '14
 Summer Research Intern, Dept. of Computer Science & Engineering
 Mentor: Prof. Sudeshna Sarkar

- Implemented DBSCAN algorithm to find traffic stoppage points and segmented roads based on their speed profiles – automatic profiling of drivers
- Used “simplekml” Python module to plot the GPS points on Google Maps

	DataWeave Software Pvt. Ltd. , Bangalore Summer Intern	May '13–Jun '13
	<ul style="list-style-type: none"> • Created data crawlers using Python that aggregated and stored content in JSON dumps • Made content available via APIs 	
Teaching Experience	University of California , Santa Cruz CMPS 12A/L Introduction to Programming (Accelerated)[Evaluations] CMPS 5J Introduction to Programming in Java [Evaluations] CMPS 11 Intermediate Programming in Java [Evaluations - S18', S19'] CMPS 140 Artificial Intelligence [Evaluations - W17', W18']	Winter '19 Fall '18 Spring '18, '19 Winter '17, '18
Recent Project	User Expertise Detection in Online Communities Mentor: Prof. Lise Getoor Identification of experts based on network topology, collaboration graphs and local features such as post strength, experience information, etc. Used StackExchange datasets and Probabilistic Soft Logic for inference.	Jun '18–Dec '18 UC Santa Cruz
	Survey On Data Programming Mentor: Prof. Cormac Flanagan Survey on the recent literature surrounding Data Programming.	May '18–Jun '18 UC Santa Cruz
	Other and Past Projects Link: https://dhawaljoh.github.io/research/projects/	
Publications	Online Adspace Posts' Category Classification Dhawal Joharapurkar, Vaishak Salin, Vishal Krishna 12 th International Conference on Natural Language Processing, December, 2015	
Talks	From Big Text to Big Knowledge SERC Open Day 2015	Feb '15 IISc, Bangalore
Honors	Regents' Fellowship , UC Santa Cruz	2016–17