

Dhawal Joharapurkar

Contact Information	483, Engineering 2 Computer Science Department University of California, Santa Cruz Santa Cruz 95060	email: dhawal.joharapurkar@gmail.com web: https://dhawaljoh.github.io phone: +1-831-346-8702
Education	University of California , Santa Cruz Ph.D. in Computer Science Advisor: Prof. Yang Liu Manipal Institute of Technology , Manipal B.Tech in Computer Science & Engineering Bachelor Thesis: Temporal Scoping of Facts in a Knowledge Base	2016–Present 2011–2015
Work Experience	Lam Research , Fremont Intern, Global Information Systems Mentor: Amod Ghangurde <ul style="list-style-type: none">• 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 Research Intern, Data Science Group Mentor: Dr. Tyler Munger <ul style="list-style-type: none">• Expert identification in large delivery organizations• Statistical Relational Learning approaches to expert identification Xerox Research Centre India , Bangalore Research Intern, Machine Learning and Statistics Group Mentors: Dr. Vaibhav Rajan and Sumit Negi <ul style="list-style-type: none">• 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 Project Trainee, Supercomputer Education and Research Centre (SERC) Mentor: Prof. Partha Talukdar [MALL Lab] <ul style="list-style-type: none">• Temporal scoping and ordering of relations in a knowledge base• Entity linking and disambiguation in large text corpora Indian Institute of Technology , Kharagpur Summer Research Intern, Dept. of Computer Science & Engineering Mentor: Prof. Sudeshna Sarkar <ul style="list-style-type: none">• Implemented DBSCAN algorithm to find traffic stoppage points and segmented roads based on their speed profiles – automatic profiling of drivers• Modified “simplekml” Python module to plot the GPS points on Google Maps DataWeave Software Pvt. Ltd. , Bangalore Summer Intern <ul style="list-style-type: none">• Created data crawlers using Python that aggregated and stored content in JSON dumps• Content available via APIs, a few listed at http://dataweave.in/apis	Jun '18–Present Jun '17–Aug '17 Jun '15–Jan '16 Dec '14–May '15 May '14–Jun '14 May '13–Jun '13

Teaching Experience	University of California , Santa Cruz	Winter '19
	CMPS12A/L Introduction to Programming (Accelerated)	
	University of California , Santa Cruz	Fall '18
	CMPS5J Introduction to Programming in Java	
	University of California , Santa Cruz	Spring '18
	CMPS11 Intermediate Programming in Java [Evaluations]	
	University of California , Santa Cruz	Winter '17, '18
	CMPS140 Artificial Intelligence [Evaluations - Winter 17'] [Evaluations - Winter 18']	
Recent Project	Expert Identification	Jun '18–Dec '18
	Mentor: Prof. Lise Getoor	UC Santa Cruz
	Identification of experts based on network topology, collaboration graphs and local features such as post strength, experience information, etc. We are working on StackExchange datasets and using Probabilistic Soft Logic for inference.	
	Survey On Data Programming	May '18–Jun '18
	Mentor: Prof. Cormac Flanagan	UC Santa Cruz
	Survey on the recent literature surrounding Data Programming.	
	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	Feb '15
	SERC Open Day 2015	IISc, Bangalore
Honors	Regents' Fellowship , UC Santa Cruz	2016–17