

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
Education	University of California , Santa Cruz Ph.D. in Computer Science Advisor: Prof. Lise Getoor 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	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 '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 Teaching Assistant, CMPS140 Artificial Intelligence, Winter '17	Jan '17–Mar '17
Projects	Question Category Classification Mentor: Prof. Manish Shrivastava Question category classification on TREC data using topic composition features generated by LDA.	Jul '15 IASNLP, IIIT, Hyderabad

Detecting Fibrous Regions in Protein Sequences Nov '13–May '14
Mentor: Dr. Smitha Nair Manipal Institute of Technology, Manipal
 Detection of fibrous regions in protein sequences using Support Vector Machines and Bee Colony Optimization for PCA.

Online competition: Photo Tagger – Multi-class classification Mar '14
Leaderboard: 84 out of 644 CSA, IISc, Bangalore
 SVM whose parameters were optimized by GridSearchCV, to classify photos into various classes (people, cars, shoes, buildings, flowers).

Craigslist Post Classification Oct '13
Accuracy: 81% Manipal Institute of Technology, Manipal
 Vectors created by bag of words model and then tf-idf, SVM to classify posts on Craigslist into sections based on the product description.

Publications **Online Adspace Posts' Category Classification**
 Dhawal Joharapurkar, Vaishak Salin, Vishal Krishna
 12th 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

Online Courses **The Data Scientist's Toolkit** Jun '14
 coursera.org, 100% Johns Hopkins University

Design and Analysis of Algorithms May '14
 Massively Empowered Classrooms, 100% Microsoft Research

Machine Learning Apr '14
 coursera.org, 100% Stanford University

Algorithms: Design and Analysis, Part 1 July '13
 coursera.org, 98% Stanford University