

DEVASHISH PURANDARE

EDUCATION

- 2016 – PRESENT **Master of Science**
COMPUTER SCIENCE
University of California, Santa Cruz.
Fall 17 expected graduation.
- 2012 – 2016 **Bachelor of Engineering**
COMPUTER ENGINEERING
University of Pune, India.

University of California, Santa Cruz
Individual Tutor, Introduction to CS

Conduct Lab sessions and office hours.
Help students with homework and classwork.

SEPTEMBER 2015

Sinhgad College of Engineering
Workshop Head

Introduction to Typesetting using \LaTeX .

PROJECTS

- 2016 **"Happy Hour" detection**
Worked in a team of 4 to use of text mining and machine learning techniques to extract the best deals at any given time and location from the yelp dataset.
Worked on topic modelling, then turned the problem into a classification problem
Uses Naive Bayes :
github.com/devashishp/Happy-Hour-Detection
- 2016 **Survey - the "Systems of Instant Messaging"**
Survey of systems of Instant messaging - Starting from Telegraph to the state of the art.
Analysis of the age each system was developed in, the design considerations that went in, the challenges faced and addressed and the legacy.
devashishpurandare.me/assets/pdf/IM.pdf
- 2016 **Content Based Image Retrieval**
Implemented a similar image search system in a team of 3 using Python (scipy, numpy, pandas) and OpenCV.
Optimized Performance making it several times faster than the original system.
Code – github.com/devashishp/Content-Based-Image-Retrieval.
Description – devashishpurandare.me/assets/pdf/hcBir.pdf
- . 2014 **Daily Image – Firefox OS app**
Web app to retrieve the daily NASA and Bing image along with description and ability to set it as wallpaper.
Work around CORS policies and use of web APIs offered by Firefox OS.
Link – marketplace.firefox.com/app/daily-image.
Code – github.com/devashishp/daily-image

SOFTWARE SKILLS

- INTERMEDIATE C++, Python, \LaTeX , HTML – CSS – Javascript.
- COMPETENT Java, C#, C.
- FAMILIAR Shell, SQL, CUDA, QT, Android.

COURSEWORK

University of California, Santa Cruz

CS 200 Introduction to Research and Teaching.
CS 232 Distributed Systems.
CS 242 Machine Learning.

University of Pune

Courses on Data Structures, Operating Systems, Networking, Databases and Data Mining, Algorithms, Compilers, Computer Graphics, Artificial Intelligence, Microprocessors, Game Theory, High Performance Computing, Business Analytics. **Certificate in Spanish.**

Languages Fluent : English, Hindi, Marathi. Can understand : Spanish, Sanskrit.

MISC

Vice President of 'The English Club'. – In charge of funding, marketing drives and seeking sponsorships

Editor in Chief of the college newsletter – 'The DEN'.

RELEVANT EXPERIENCE

SEPTEMBER 2016 – PRESENT