

Devashish Purandare

Résumé

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Education

- 2012–2016 **Bachelor of Engineering, Computer Engineering**, *University of Pune*, India.
69% - First Class with Distinction.
- Ranked in the top 10% in every semester (among 250).
 - Courses on Data Structures, Operating Systems, Networking, Databases and Data Mining, Algorithms, Compilers, Computer Graphics, Artificial Intelligence, Microprocessors, Game Theory, Business Analytics and Intelligence, Cloud Computing, High Performance Computing, Software Engineering.

Computer Skills

- Intermediate C++, Python, \LaTeX .
Competent JAVA, HTML, C#, C, JavaScript, Adobe Photoshop.
Familiar CorelDraw, Matlab, Shell, MongoDB, SQL

Projects

- 2015 – 2016 *Performance improvement of hybrid Content Based Image Retrieval (CBIR)*
Similar image retrieval system using global features – shape; and local features – Discrete Wavelet Transform (DWT) of shape distribution and Single Value Decomposition (SVD) of the image:
- Reduced search time from 52 seconds to 0.2 seconds for 360 images on commodity hardware using various optimizations.
 - Details hcbir.pdf (click)
- 2014 *Motion detection*
Python program using OpenCV to detect and respond to hand gestures to flip through slides or photos : Code – github.com/devashishp/MotionDetection/

Seminar and Talks

- 2014 *Use of Natural Language Processing to detect and prevent Wikipedia Vandalism*
As a part of junior year 'Technical Communication' laboratory:
- 2014 *Typesetting using \LaTeX*
'Techtonic' 2014 – Inter-college festival – organizer and head of the event.

Other activities

- 2013 Editor in Chief of the college newsletter – 'The DEN'.
2014–2016 Vice President of 'The English Club' - the college newsletter.
2012–2013 **Certificate in Spanish Language**, *University of Pune*, India.
2014 *Internet History, Technology, and Security*
University of Michigan - Coursera
2015 *Game Theory*
Stanford University and The University of British Columbia - Coursera