

Contact

spmallick@bigvisionllc.com

www.linkedin.com/in/satyamallick
(LinkedIn)

graphics.ucsd.edu/~spmallick
(Other)

www.taaz.com (Company)

Top Skills

Machine Learning

Algorithms

Computer Vision

Languages

Hindi

English

Certifications

Computer Vision for Faces

Honors-Awards

Cover of Journal of Structural
Biology

Best Poster Award, UCSD Research
Review

University of California, San Diego
Departmental Fellowship

Ranked 17th, Higher Secondary
Examination, State of Odisha, India.

Certificate of Merit, National
Standard Examination in Physics
(1997) , India.

Publications

Real-Time Driver Affect Analysis and
Televewing System

Specularity Removal in Images and
Videos: A PDE approach

Automated cryoEM data acquisition
and analysis of 284 742 particles of
GroEL

Isotropy, Reciprocity and the
Generalized Bas-Relief Ambiguity

ACE: Automated CTF Estimation

Satya Mallick

CEO at OpenCV.org

San Diego

Summary

Dr. Satya Mallick was recently named one of top 30 AI people to follow on Twitter for 2017 by IBM's AI blog. He is the founder of Big Vision LLC, a San Diego, California based company that specializes in computer vision, machine learning, deep learning and artificial intelligence consulting services and products. He is also the principal author of a popular computer vision blog <http://www.learnopencv.com> .

Dr. Mallick is an accomplished computer vision and machine learning scientist and engineer. He has worked on a variety of problems including face processing (detection, recognition), object recognition using deep learning, computational photography, augmented reality, document analysis, 3D reconstruction, medical image processing, and 3D cryo-electron microscopy to name a few. He has published several research papers in top notch conferences and journals.

At Big Vision LLC, Dr. Mallick and his team work with companies to solve computer vision and machine learning problems that have huge real world impact in terms of speed and accuracy of algorithms, reduction in manual work, and identification and creation of intellectual property.

Prior to starting Big Vision, Dr. Mallick had co-founded and was the CTO (R&D) of Sight Commerce Inc. — a computer vision company that creates vision and learning solutions for the beauty and fashion industry. He oversaw research, design and implementation of computer vision and machine learning algorithms and systems.

Dr. Mallick did his Ph.D. from the University of California, San Diego.

Experience

Patents

Method for editing multi-channel images

Methods for identifying, separating and editing reflection components in multi-channel images and videos

System and method for providing and modifying a personalized face chart

System and Method for changing hair color in digital images.

System and method for providing a face chart

OpenCV

Chief Executive Officer

January 2019 - Present (1 year 8 months)

Helping OpenCV grow!

Big Vision LLC

Founder / Partner

February 2014 - Present (6 years 7 months)

Big Vision LLC provides Computer Vision / Machine Learning / Deep Learning consulting services for a wide variety of application domains that include face processing (detection, recognition), object recognition, hand written text recognition, augmented reality, and video analytics (counting cars , pedestrians).

Sight Commerce Inc. / TAAZ.com

Founder / CTO (R&D)

August 2007 - August 2015 (8 years 1 month)

Kriegman-Belhumeur Vision Technologies (acquired by Dropbox)

Research Scientist

January 2007 - April 2007 (4 months)

University of California, San Diego

Research Assistant

December 2001 - September 2006 (4 years 10 months)

The Scripps Research Institute

Research Assistant

2005 - 2005 (less than a year)

Education

UC San Diego

Ph.D., Computer Vision · (2001 - 2006)

Indian Institute of Technology, Kharagpur

B. Tech, Electrical Engineering · (1997 - 2001)

Ravenshaw College

High School · (1995 - 1997)

Kendriya Vidyalaya