www.linkedin.com/in/balamanohar
(LinkedIn)
sites.google.com/site/balamanohar/
(Personal)
www.gatech.edu/ (Company)

Top Skills

Algorithms
Programming
GUI development

Languages

English
Telugu
Hindi

Manohar Paluri

Director, Facebook AI
Menlo Park

Summary

My experience spans Computer Vision, Robotics, Machine
Learning. I am excited to walk the uncanny valley of research and
development, enjoy learning new things while thriving in challenging
environments. In my current group we push the frontiers of image,
video and multi-modal understanding for the benefit of various
products at Facebook as well as the research community at large.

Specialties: Vision, Robotics, Algorithm Development, Programming,
Software Engineering, Prototyping.

Experience

Facebook
8 years 1 month

Director, Artificial Intelligence
September 2015 - Present (5 years)
San Francisco Bay Area

I am currently managing the Computer Vision group at Facebook's Applied
Machine Learning organization which is part of our AI Organization. My group
focuses on pushing state of the art in Machine Vision and our work is used
by all of Facebook's family of Apps. We sit at the intersection of research and
product and care about pushing the frontiers of computer vision while bringing
the value back to people.

Computer Vision Researcher
August 2012 - September 2015 (3 years 2 months)

Google
Research Intern
May 2012 - August 2012 (4 months)
Greater Seattle Area

Working on next generation 3D Maps. Used sparse reconstruction techniques
and the Ceres optimization toolkit to have better 3D Maps and showed

the improvements for SF. After I left Google, I was told by my mentor that whatever we built/worked on got shipped to production.

Georgia Institute of Technology
Research Assistant
August 2009 - June 2012 (2 years 11 months)

Pursuing Computer Vision and Robotics at Georgia Tech.

IBM Watson Labs
Research Intern
May 2010 - August 2010 (4 months)

Summer Internship at Watson labs, Hawthorne, NY. Worked on Video analytics specifically for Video surveillance, anomaly detection.

Sarnoff Corporation
Associate Member Technical Staff
December 2008 - August 2009 (9 months)

Worked on Lidar acquisition, processing projects. Processing involved, extracting objects based on query given 3D data, segmentation of city data into various categories etc.

Sarnoff Innovative Tech. Pvt. Ltd.
Member of Tech. Staff
July 2006 - December 2008 (2 years 6 months)

Worked on various Vision projects and publications. Projects spanned across tracking objects in videos, contour tracking, automated cinematography for sports (specifically basketball, volleyball and football) and various related things.

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Education

Georgia Institute of Technology
MS, Computer Science · (2009 - 2011)

International Institute of Information Technology
B.Tech, Computer Science · (2002 - 2006)

GSR college
High School, Mathematics, Physics, Chemistry · (2000 - 2002)

Shree Rang Vidhyalaya

· (1992 - 2000)

Georgia Institute of Technology

Doctor of Philosophy (Ph.D.), Computer Science · (2009)