

Radhakrishna Dasari

linkedin.com/in/radhakrishnadasari

EDUCATION

State University of New York at Buffalo

PhD in Computer Science and Engineering

Thesis: Multi-Sensor Fusion for Fast and Robust Computer Vision Applications

Buffalo, NY

Feb. 2014 – May 2020

State University of New York at Buffalo

MS in Computer Science and Engineering

Artificial Intelligence Track

Buffalo, NY

Aug. 2012 – Dec 2013

VIT University

BTech in Electronics and Communication Engineering

Vellore, India

Jul 2005 – Jun 2009

EXPERIENCE

Lecturer

University of Vermont

Aug 2018 – Present

Burlington, VT

- CS020 Programming for Engineers - Fall 2018 - Spring 2020
- CS021 Introduction to Programming - Fall 2018 - Present
- CS125 Computability and Complexity - Spring 2020 - Present
- CS295/395 Computer Vision - Spring 2021

Course Developer

Coursera/UB TCIE

Jan 2018 – Aug 2018

Buffalo, NY

- Designed and developed Computer Vision Specialization courses on Coursera

Instructor

State University of New York at Buffalo

Summer 2016, 2017, 2018

Buffalo, NY

- Taught CS473/573 - Introduction to Computer Vision for three summer semesters

Teaching Assistant

State University of New York at Buffalo

Aug 2014 – May 2018

Buffalo, NY

- CS473/573 - Introduction to Computer Vision, for four semesters
- CS474/574 - Introduction to Machine Learning, for two semesters
- CS534 - Multimedia Systems for two semesters

Research Intern

Huawei Media Lab

May 2014 – Aug 2014

Bridgewater, NJ

- Computer Vision - Multi-Camera Array applications

Research Assistant

UB Multimedia Lab

Jan 2013 – May 2014

Buffalo, NY

- Computer Vision for Mobile Multimedia Applications

Software Engineer

TATA Consultancy Services

Dec 2009 – Jul 2012

Hyderabad, India

- Developed and Supported applications on .NET framework

PUBLICATIONS

- [1] **Radhakrishna Dasari**, and Chang Wen Chen. “MPEG CDVS Feature Trajectories for Action Recognition in Videos.”, IEEE Conference on Multimedia Information Processing and Retrieval (MIPR). IEEE, 2018.
- [2] **Radhakrishna Dasari**, Dong-Qing Zhang and Chang Wen Chen, “Reference Image based Color Correction for Multi-Camera Panoramic High Resolution Imaging”, Computer and Robot Vision (CRV), 13th Conference, IEEE, 2016.
- [3] **Radhakrishna Dasari** and Chang Wen Chen, “A Joint Visual-Inertial Image Registration for Mobile HDR Imaging”, The International Conference on Visual Communications and Image Processing (VCIP). IEEE, 2016.

PATENTS

[1] Zhang, Dong-Qing, **Radhakrishna Dasari**, Jie Hu, and John Wus. “Color corrected high resolution imaging.” U.S. Patent Application No. 14/810,131.

GRANTS

[1] **Radhakrishna Dasari**, Jackie Horton and James Eddy “Auto-grading tools for Programming Courses” Engaged Practices Innovation (EPI) Grants, Office of Provost, The University of Vermont.

\$9000 for the academic year 2019-2020.

Developing autograded programming assignments using MATLAB Grader and GradeScope Autograder

TECHNICAL SKILLS

Languages: MATLAB, Python, Java C/C++

Developer Tools: Git, Visual Studio, Eclipse

CERTIFICATIONS

MATLAB Associate, Mathworks, Credential ID: 20336747 Summer 2019

Camtasia Screencasting, TechSmith, Credential ID: m9ogcmkzkse5 Fall 2019

PROFESSIONAL DEVELOPMENT AND TRAINING

E-Learning Design Principles and Methods, LearnLab, CMU Summer 2020

Intelligent Tutoring Systems, Simon Initiative Summer School, CMU Summer 2020

Bridging Pedagogy and Technology to support Effective Learning, FRN Network, NYU Summer 2020

CSCI S-1 Great Ideas in Computer Science in Java, Harvard University Summer 2019

Graduate Summer School on Computer Vision, IPAM, UCLA Summer 2013

SERVICE

Online Course Development Facilitator - CEMS, UVM Spring 2020 - Present

Website Development and Support - CatCoders Connect, UVM Spring 2020 - Present

Committee member - Pedagogical Innovation, CEMS, UVM Fall 2019 - Present

Union Representative - UVM CS Department, United Academics Fall 2019 - Present

Distance Education Advisor -Department of Computer Science, UVM Spring 2019 - Present

Technology Chair - ALIFE 2020, Montreal July 2020

Faculty Senator - Department of Computer Science, UVM Fall 2018

INVITED TALKS

Alternative Digital Education panel, current trends and future challenges in education, ICTFCE2020 Oct 2020

Python for Computer Vision: OpenCV and Deep Learning, Python Meetup, Buffalo, NY July 2018

HONORS AND AWARDS

Best Graduate Teaching Award - Department of Computer Science, University at Buffalo 2017

Global Innovation Challenge - Winner, University at Buffalo, UN Sustainability Goals 2016

Second Prize at UB Hackathon for *ARCampus* - an Augmented Reality campus map 2013

Top 20 at PennApps, University of Pennsylvania for *SplitStore* - Mobile distributed file storage 2013

Selected for Intel Perceptual Challenge *Posture analyzer* - Computer Vision based health assistant 2013

Travel grant to attend Computer Vision Summer School at IPAM, UCLA, Los Angeles 2013