

# RADHAKRISHNA DASARI

305 Innovation Hall ◊ Burlington, VT 05405

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## CAREER OBJECTIVE

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To be a resourceful professor and assist students in realizing their potential in computer science and engineering

## WORK EXPERIENCE

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<b>Lecturer</b> , Department of Computer Science, University of Vermont	Aug 2018 - present
<b>Course Developer</b> , Computer Vision Basics, Coursera	Jan 2018 - Jul 2018
<b>Instructor</b> , Department of Computer Science, University at Buffalo	Summer 2016, 2017, 2018
<b>Teaching Assistant</b> , Department of Computer Science, University at Buffalo	Aug 2014 - May 2018
<b>Research Intern</b> , Huawei Media Lab, Bridgewater, NJ	May 2014 - Aug 2014
<b>Research Assistant</b> , UB Multimedia Lab, University at Buffalo	Jan 2013 - May 2014
<b>Software Engineer</b> , TATA Consultancy Services, Hyderabad, India	Dec 2009 - Jul 2012

## EDUCATION

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<b>PhD in Computer Science and Engineering</b> , University at Buffalo Thesis: Multi-Sensor Fusion for Fast and Robust Computer Vision Applications Advisor: Dr. Chang Wen Chen	Jan 2014 - Jun 2020
<b>MS in Computer Science and Engineering</b> , University at Buffalo Artificial Intelligence Track	Aug 2012 - Dec 2013
<b>BTech, Electronics and Communication Engineering</b> , VIT University, India	Jun 2005 - May 2009

## PUBLICATIONS

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- [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

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- [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

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- [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

## SKILLS

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<b>Computer Languages</b>	Python, MATLAB, C++, Java
<b>Development Environment</b>	Visual Studio, Eclipse, Android Studio
<b>Operating Systems</b>	Linux, Windows, Android, ROS

## CERTIFICATIONS

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Certified MATLAB Associate , Mathworks, Issued: Aug 2019, Credential ID: 20336747  
Camtasia Screencasting Cerification, TechSmith, Issued: Oct 2019, Credential ID: m9ogcmkzkse5

## TEACHING EXPERIENCE

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CS125 - Computability and Complexity, University of Vermont	Spring 2020 - Present
CS021 - Computer Programming I (Python), University of Vermont	Fall 2018 - Present
CS020 - Programming for Engineers (MATLAB), University of Vermont	Fall 2018 - Spring 2020
CSE473/573 - Computer Vision and Image Processing, University at Buffalo	Summer 2016, 2017, 2018
Coursera: Computer Vision Basics, MOOC	May 2019 - Present

## SERVICE

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

## HONORS AND AWARDS

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

Global Innovation Challenge 2016 - Winner, University at Buffalo, cross-disciplinary innovative solution for the UN Sustainability Goal: Water and Sanitation for All

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

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

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

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