DIVYA RAMESH

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LinkedIn: www.linkedin.com/pub/divya-ramesh/57/486/335/
Webpage: https://dramesh14.github.io

RESEARCH INTERESTS

Human-Computer Interaction, Artificial Intelligence, AI Accountability, Bias, Ethics, Fairness, Intelligibility, Transparency, Science and Technology Studies.

EDUCATION

PhD in Computer Science & Engineering 2018- Present
University of Michigan, Ann Arbor, Michigan
Advisor: Dr. Nikola Banovic

Master of Science in Electrical Engineering May 2015
University of Southern California, Los Angeles, California

Bachelor of Engineering in Electronics and Communication June 2013
M. S. Ramaiah Institute of Technology, Bangalore, India

AWARDS AND HONORS

Graduate Student Service Award for Excellence in Climate, Diversity, and Inclusion ($1000) 2021
Tech+Society Book Club Grant ($300) 2021
Pragnesh Jay Modi Best Student Paper Award ($1000) 2020
Rackham Conference Travel Grant ($1100) 2019

RECENT PUBLICATIONS

Divya Ramesh, Anthony Liu, Jean Song, Andres Echeverria, Nicholas Waytowich, Walter Lasecki. Yesterday's Reward is Today's Punishment: Contrast Effects in Human Feedback to Reinforcement Learning Agents. In *Proceedings of the 19th International Conference on Autonomous Agents and Multiagent Systems* (AAMAS 2020). Auckland, New Zealand. (**Pragnesh Jay Modi Best Student Paper - Top 1%)**

Keri Mallari, Kori Inkpen, Paul Johns, Sarah Tan**, Divya Ramesh**, Ece Kamar. Do I Look Like a Criminal? Examining How Race Information Presentation Impacts Human Judgement of Recidivism. In *Proceedings of the ACM Conference on Human Factors in Computing Systems* (CHI 2020). *Honolulu, Hawaii.*

Divya Ramesh, Bradford A. Folkens. Towards Real-Time Image Captioning using Crowdsourcing and Computer Vision. In *HCOMP Workshop on Human Computation for Image and Video Analysis* (GroupSight 2017). *Quebec City, Quebec*.

PATENTS

Ramesh D. and Folkens B. A. 2020. Content Based Image Management and Selection. US Patent US10831820B2. (Assigned to CloudSight Inc.)
Ramesh D. and Folkens B. A. 2017. System and Methods of Confirming Image Descriptions. US Provisional Patent Application 62/528150 filed July 2017. (Assigned to CloudSight Inc.)

WORK EXPERIENCE

Research Intern
Google Research, Bangalore, India (remote through PAIR, Mountain View) Jun 2021 – Aug 2021
Host: Dr. Nithya Sambasivan

Research Intern
Microsoft Research, Redmond, Washington Jun 2019 – Aug 2019
Host: Dr. Kori Inkpen
Mentors: Dr. Besmira Nushi, Dr. Ece Kamar

Research & Development Software Engineer Aug 2015 - May 2018
CloudSight Inc., Los Angeles, California

Computer Vision Intern May 2014 - June 2015
CloudSight Inc., Los Angeles, California

TEACHING ASSISTANTSHIP

Graduate Student Instructor, Graduate Intro to HCI Research Methods, U-M. Fall 2021
Planning Committee, Introduction to Graduate Studies, University of Michigan. Fall 2020

SERVICE

Student Volunteer, ACM FAccT Conference 2021
Founder, Tech + Society Reading Group in CSE, University of Michigan. 2020
Board Member, Ensemble of CSE Ladies+, University of Michigan. 2020-present
Committee Member, DEI Working Group in CSE, University of Michigan. 2020
Reviewer, Case Studies, CHI. 2020
Reviewer, CHI. 2019-present

MENTORING

Caitlin Henning, Undergraduate Student, University of Michigan. 2021-present
Tsedeniya Soloman, Undergraduate Student, Addis Ababa University, Ethiopia. 2021-present
Filip Saulean, Undergraduate Student, University of Michigan. 2020-21
Andres Echeverria, Undergraduate Student, University of Michigan. 2018-19
Mujtaba Asif, Data Scientist, CloudSight Inc. 2017-18
Hengyue Liu, Computer Vision Intern, CloudSight Inc. 2016

OUTREACH

After-school tutor for at-risk youth, Peace Neighborhood Center, Ann Arbor, Michigan. 2020
Scratch programming & Hummingbird robotics tutor for at-risk youth, NYA, Venice, California. 2017-18

SKILLS

Computer Languages: Python, Ruby, C/C++
Libraries & Packages: Tensorflow, Pytorch, Caffe, OpenCV, NLTK, Gensim, MATLAB, LaTeX
Quantitative Research Methods: Machine Learning, Reinforcement Learning, Experiments
Qualitative Research Methods: Interviews, Observations., Interpretivist analysis methods.