

## DIVYA RAMESH

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Webpage: <https://dramesh14.github.io>

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## 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

Pragnesh Jay Modi Best Student Paper Award (\$1000) AAMAS' 2020  
Rackham Conference Travel Grant (\$1100) CHI'19

## 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, Mountain View, CA (remote)

*Host: Dr. Nithya Sambasivan*

Jun 2021 – Aug 2021

### Research Intern

Microsoft Research, Redmond, Washington

*Host: Dr. Kori Inkpen*

*Mentors: Dr. Besmira Nushi, Dr. Ece Kamar*

Jun 2019 – Aug 2019

### Research & Development Software Engineer

CloudSight Inc., Los Angeles, California

Aug 2015 - May 2018

### Computer Vision Intern

CloudSight Inc., Los Angeles, California

May 2014 - June 2015

## TEACHING ASSISTANTSHIP

Planning Committee, Introduction to Graduate Studies, University of Michigan.

Fall 2020

## SERVICE

Student Volunteer, ACM FAccT Conference

2021

Reviewer, Late Breaking Work, CHI.

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, Late Breaking Work, CHI.

2019

## 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

