

# Sukanya Moudgalya

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📄 <https://sukanyam.github.io/>

## Education

### Michigan State University

*Ph.D.,*

**East Lansing**

*2017–Present*

### The University of Texas at Austin

*Master of Arts,*

**Austin**

*2015–2017*

Alien Rescue Project (<https://alienrescue.edb.utexas.edu/>)

### SASTRA University

*Bachelor of Technology,*

**India**

*2010–2014*

## Experience

### CEP 416

*Graduate Teaching Assistant,*

**East Lansing**

*August 2017–present*

- TA for the online class 'Teaching and Learning with Technology' for undergraduate students in the College of Education.

### Design Studio

*Graduate Research Assistant,*

**East Lansing**

*August 2017–present*

- Helped organize a workshop on robotic telepresence for the visiting students and researchers from the Confucius institute (<http://www.education.msu.edu/cimsu/>).
- Working as a 'TechNav' for the EPET hybrid courses and helping with the EPET brownbags

### Office of Instructional Innovation, UT Austin

*Graduate Research Assistant,*

**Austin**

*September 2016–May 2017*

- Created instructional material for faculty to help them with technology integration
- Created and maintained lab websites

### McGraw-Hill Education

*Data Science Intern,*

**Boston**

*June 2016–August 2016*

- Wrote a proposal for doing a project on Adaptive Tutoring Systems
- Conducted a literature survey about theories of motivation in online environments, motivation detection through data analytics and design of learning environments.
- Wrote a research paper on how to incorporate motivation in e-learning environments, such as Intelligent Tutoring Systems.

### College of Education, UT Austin

*Instructional Designer*

**Austin**

*January 2016–May 2016*

- Re-built online courses for high-school students on 'Canvas' Learning Management system.

Department of Chemical Engg., I.I.T Bombay  
Junior Research Fellow,

Mumbai  
August 2014–August 2015

- Helped write an IRB proposal for a training project on cervical cancer screening.  
<https://clinicaltrials.gov/ct2/show/NCT02783235>
- Developed skills based tutorials, along with plans for implementation and evaluation, for primary health workers in India.
- Conducted field visits and focus group interviews with health workers.

Brigham and Women's Hospital  
Research Trainee, Semester Abroad

Boston  
February 2014–July 2014

- Trained on research methods and troubleshooting methodologies.
- Worked on a small individual research project, applied basic biochemistry wet lab techniques.

## Publications

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**Conference Proceedings:** Staudt Willet, K. B., **Moudgalya, S.K**, Boltz, L. O., Greenhalgh, S. P., Koehler, M. J. (2018, March). *Back to the gaming board: Understanding games and education through board game reviews*. Paper presented at the Society for Information Technology and Teacher Education Annual Conference 2018, Washington, DC.

**Masters' Report:** Strategies to improve collaboration in a problem-based learning environment Alien Rescue, 2017

## Software and programming skills

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**Operating Systems:** Mac, Linux, Windows

**Programming:** CSS3, HTML5

**Word Processing:** MS Word, L<sup>A</sup>T<sub>E</sub>X

**Image Rendering:** GIMP, Blender

**Data Processing:** MS Excel, SPSS, Python Basics & SQL, Tableau

**Instructional:** Adobe Captivate

## Awards

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**Erickson Research Fellowship:** A five year fellowship granted by College of Education at MSU

**CUMREC Fellowship:** A one-time fellowship granted by the Graduate School at MSU

**Dean's Merit Scholarship:** Granted by SASTRA University in 2011, 2012, 2014 for academic performance

**Desh Videsh Scholarship:** Granted by SASTRA University in 2014, for semester abroad program

## References

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- Dr. Matthew Koehler, Advisor: mkoehler@msu.edu
- Dr. Aman Yadav, Advisor: ayadav@msu.edu
- Dr. Min Liu, Graduate Advisor: mliu@austin.utexas.edu
- Mr. Alfred Essa, Mentor at MHE: alfred.essa@mheducation.com
- Prof. Santosh Noronha, PI at IIT Bombay: noronha@iitb.ac.in