

# Supriya Naidu

supriya.naidu@colorado.edu

## EDUCATION

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**University of Colorado Boulder**  
Master of Science in Computer Science  
Advisor: Dr. Danielle Szafir

Boulder, Colorado  
Aug, 2017 – Dec, 2019

**BMS College of Engineering**  
Bachelor of Engineering in Computer Science

Bangalore, India  
Aug, 2011 – May, 2015

## TEACHING

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**Department of Computer Science, University of Colorado Boulder**

*Assistant Teaching Professor*

Jan, 2020 – Present

- Teach CS undergraduate classes with 30 – 350 students per semester
- Manage a course team of 25 – 45 undergraduate Learning Assistants, graduate Teaching Assistants and support staff per semester
- Courses Taught
  - CSCI 1300: Starting Computing
  - CSCI 3010: Intensive Programming Workshop
  - CSCI 3002: Fundamentals in Human Computer Interaction

Course Assistant – User-Centered Design and Development

Sep, 2019 – Jan, 2020

Teaching Assistant – Starting Computing

Aug, 2018 – May, 2019

Course Assistant – Computer Graphics

June, 2018 – July, 2018

Grader – Database Systems

June, 2018 – July, 2018

## RESEARCH

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- **Measuring Effective Highlight Colors in Color-Coded Scatterplots** June, 2018 – Present
  - Implemented stimuli drawing from 222 existing color encodings
  - Constructed a web-based tool for systematic sampling of perceptual color spaces
  - Designed, developed and hosted an experiment on Amazon MTurk to collect crowdsourced data about effective highlight colors
  - Developed empirical models from data collected through the crowdsourced experiment
  - Constructed and tested a web-based tool for automatic model generation and high-color selection for sequential color ramps
- **Sentence Representation** Oct, 2017 – Dec, 2017
  - Performed qualitative and quantitative analysis on existing word embedding models for sentence embeddings

## INDUSTRY EXPERIENCE

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**Unisys Corporation**  
Associate Engineer

Bangalore, India  
June, 2015 – Mar, 2017

- Client/Server applications in Java, C# and SQL
- Tools: Selenium, MSUnit

## AWARDS

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**College of Engineering and Applied Sciences, University of Colorado Boulder**

- Dean's Performance Award for Teaching, May 2022

## SERVICE

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**Department of Computer Science, University of Colorado Boulder**

- Undergraduate Curriculum Committee Jan, 2020 – May, 2020
- Undergraduate Course Support Committee Aug, 2020 – Present
- CS Pedagogy Committee Aug, 2020 – Present
- CS DEI Committee Aug, 2022 – Present