

# Aparajithan Venkateswaran

apara.vnkat@gmail.com • aparavenkat.com • github.com/AparaV • twitter.com/apara\_v

## Education

University of Washington (Expected) 2025  
Ph.D. in Statistics.

University of Colorado Boulder 2016-2020  
B.S. in Computer Science, *summa cum laude* with Honors.  
B.S. in Applied Mathematics, *summa cum laude* with Honors.  
Senior Thesis (Advisor: Daniel B. Larremore):  
“Understanding SpringRank through Random Utility Models, Identifiability and Online Updates”

## Experience

University of Colorado Boulder 2017-2020  
Research Assistant  
COVID-19 Response: OSS to monitor anonymized social densities on campus.  
Complex Networks: Rank embeddings, identifiability of node covariates, online ranking.  
Resume Parsing: ML and mathematical models to segment and parse curricula vitae.  
Feature Tracking: Optical navigation using deep learning.

Microsoft 2019-2020  
Software Engineering Intern  
Summer 2020: Mixed Reality Cloud SDK Team.  
Summer 2019: Edge Experimentation Team.

University of Colorado Boulder 2018-2020  
Teaching Assistant  
Spring 2020: Chaotic Dynamics (CSCI 4446/5446).  
Spring 2018: Discrete Structures (CSCI 2824).

## Publications

1. **A. Venkateswaran**, B. Palmer, J. Kailey-Steiner, “The Value of Identity: Measure the Cost of Privacy”, *Colorado Journal of Applied Mathematics* pp. 1-22, (2018).

## Awards

Outstanding Undergraduate for Academic Achievement 2020

Chancellor's Recognition Award	2020
Active Learning Award	2020
Computer Science Discovery and Service Learning Award	2020
INFORMS Award, Outstanding Winner [Mathematical Contest in Modeling]	2019
Meritorious Winner [Mathematical Contest in Modeling]	2018

## Service

HackCU	2016-2020
GitHub Campus Expert	2017-2020
Computer Science Department Action Team	2019