

SHRUTHI SUKUMAR
2300 Arapahoe Ave, Apt 312, Boulder, CO-80302, USA
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shruthi.sukumar@colorado.edu

EDUCATION

Ph.D., Computer Science University of Colorado, Boulder - Boulder, CO, USA	August 2017-Present
M.S., Electrical Engineering University of Colorado, Boulder - Boulder, CO, USA <i>Thesis Title:</i> Analysis And Solution Of Markov Decision Problems With A Continuous, Stochastic State Component <i>Thesis Committee:</i> Michael C. Mozer, Jason R. Marden, Behrouz Touri	Graduated May 2017 GPA: 3.87/4.00
B.E., Electronics and Communication Engineering College of Engineering, Guindy, Anna Univeristy - Chennai, India	Graduated May 2014 CGPA: 8.57/10.00

RESEARCH EXPERIENCE

Graduate Research Assistant, Neuromechanics Laboratory, P.I.: Alaa A. Ahmed, Ph.D. Departments of Integrative Physiology and Mechanical Engineering University of Colorado, Boulder - Boulder, CO, USA	August 2017 - Present
Graduate Research Assistant, Computational Modelling & Optimization Laboratory (Mozerlab), P.I.: Micahel C. Mozer, Ph.D. Department of Computer Science and Institute of Cognitive Science University of Colorado, Boulder - Boulder, CO, USA	January 2015 - May 2017

PROFESSIONAL EXPERIENCE

Data Modelling Engineer (Intern), Answeron Inc. - Longmont, CO, USA	June 2015 - July 2017
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RELEVANT COURSEWORK

- Machine Learning
- Design and Analysis of Algorithms (Graduate Level)
- Dynamic Programming
- Deep Learning
- Probabilistic Modelling of AI
- High Dimensional Dataset Analysis
- Random Processes
- Design and Analysis of Digital Filters

SKILLS

Languages : Python, Matlab, Javascript, C++ (preliminary)

Other: Psiturk, Git, HTML, CSS, VHDL(hardware), LaTeX, MS Office

PAPERS

- [1] Mozer, M. C., **Sukumar, S.**, Elliott-Williams, C., Hakimi, S., & Ward, A. F. (2017). Overcoming temptation: Incentive design for intertemporal choice. In preparation. <https://goo.gl/eYPpsj>

POSTERS

Overcoming temptation: Incentive design for intertemporal choice [1],
Reinforcement Learning And Decision Making Conference, 2017
Ann Arbor, MI, USA

AWARDS

CS Departmental Fellowship,

Department of Computer Science, University of Colorado, Boulder
Amount: \$5000

August 2017, Jan 2018

Early Career Professional Development Fellowship(ECPDF),

Department of Computer Science, University of Colorado, Boulder
Amount: \$1200

August 2017

RLDM Student Travel Fellowship,

RLDM 2017 conference committee
Amount: \$250

June 2017