DEV LAXMAN SUBRAMANIAN

116 Oak Ave,
Ithaca, NY - 14850

ds2293@cornell.edu
+1-6073793517

Education

Cornell University, Ithaca, NY
Ph.D. in Psychology (Neuroscience Specialization)
Advisor: Dr. David M. Smith

August 2017 - Present

The University of Texas at Dallas, Dallas, TX
GPA: 3.93/4.0
M.S. in Applied Cognition and Neuroscience
(Computational modeling specialization)

August 2015 — May 2017

Maulana Azad National Institute of Technology, Bhopal, India
Bachelor of Technology in Electronics and Communication Engineering

July 2011 — May 2015

Computational neuroscience summer school

Neuromatch Academy, online course, interactive track
3-week online summer school on Computational Neuroscience

July 2020

Methods in Neuroscience at Dartmouth, Dartmouth College, Hanover, NH
2-week summer school on Computational Neuroscience

August 2019

Research Activities

Cornell University, Ithaca, NY

August 2017 - Present

Sage Ph.D. fellow, Behavioral and Evolutionary Neuroscience Area, Dept. of Psychology, with Dr. David M. Smith

Analyzing rodent neurophysiological recordings to understand the spatial encoding properties in the retrosplenial cortex & the hippocampus at both individual neuron and population activity level.

The University of Texas at Dallas, Dallas, TX   **September 2015 - May 2017**

Graduate research assistant in Aging and Memory research lab of Dr. Lucien T. Thompson

Studied the effects of D-Cycloserine and tinnitus inducing noise exposure on the Hippocampal Place cells in rats.

Awards and Honors

Sage Fellowship awarded by Cornell University   **2017 - Present**

Selden Leavell Scholarship awarded by the University of Texas at Dallas   **2016 - 2017**

Online course certifications (Data science/Machine learning)

Advanced learning algorithms, Coursera   **October 2022**

[Certificate link](#)

Supervised Machine learning: Regression and Classification, Coursera   **August 2022**

[Certificate link](#)

Scientific computing and Python for Data science, Worldquant University   **September 2019**

[Certificate link](#)

Skills

Language Skills   • Fluent in English, Hindi, and Tamil

Technical Skills   • **Programming languages and packages:** Python, MATLAB, R, SPSS, C, HTML, CSS

Publications

Subramanian D.L., He Z., Miller A.M.P., Smith D.M. (2021) **A comparison of spatial and contextual coding in the hippocampus and retrosplenial cortex.** *Society for Neuroscience (SFN) abstract (manuscript, in prep)*

Smith D. M., Yang Y. Y., **Subramanian D. L.**, Miller A. M. P., Bulkin D. A., & Law L. M. (2021) **The limbic memory circuit and the neural basis of contextual memory.** *Neurobiology of Learning and Memory, 187*

Teaching Experience

Teaching Assistant

Statistics and Research Design   **Fall 2018, Fall 2021**

Dept. of Psychology, Cornell University

Introduction to Cognitive Science   **Spring 2019, Spring 2022**

Dept. of Psychology, Cornell University

Human Perception   **Fall 2019, Spring 2021,**

Dept. of Psychology, Cornell University   **Spring 2023**

Developmental Psychology   **Spring 2020**

Dept. of Psychology, Cornell University

Intro to Behavioral Neuroscience   **Fall 2020**

Dept. of Psychology, Cornell University

Professional Memberships

Society for Neuroscience (SFN)   **June 2018 – Present**
Student Member

Extracurricular activities

Vice president of the Cricket Club at Cornell   **July 2019 – Present**

Reference

David M. Smith, Professor of Psychology
Cornell University
(607) 227-0045, dms248@cornell.edu