Shiva Upadhye

CONTACT INFORMATION	3151 Social Sciences Plaza B, 2259 Irvine, CA 92617	(650) 484-7171 upadhyes@uci.edu http://shiupadhye@github.io

Education	**University of California, Irvine**
	Ph.D. in Language Science $\qquad$ 2026 (Expected)
	University of California, San Diego
	B.S. in Cognitive Science $\qquad$ 2020
	Concentration: Machine Learning and Neural Computation
	Minor: Mathematics

Research Experience	**Language Processing Group**, UC Irvine $\qquad$ 2021 - Present
	Graduate Research Assistant
	Advisor: Richard Futrell
	Computational Linguistics Lab, UC San Diego $\qquad$ 2020
	Supervised Undergraduate Researcher
	Advisors: Andrew Kehler, Leon Bergen
	National Center for Microscopy and Imaging Research $\qquad$ 2019-2020
	Computational Neurosciences Intern
	Supervisor: Matthias Haberl
	Computational Linguistics Lab $\qquad$ 2019
	Research Assistant
	Supervisor: Till Poppels

Publications

PEER-REVIEWED PROCEEDINGS PAPERS
Upadhye S., Bergen L., & Kehler, A. Predicting Reference: What do Language Models learn about Discourse Models? *Conference on Empirical Methods in Natural Language Processing (2020)*

PEER-REVIEWED ABSTRACTS AND PRESENTATIONS
Upadhye S. & Futrell R. The Typing modality preserves the semantic interference effect in Picture Word Interference. *28th annual conference on Architectures and Mechanisms for Language Processing (AMLaP2022)*

Pedagogical Experience

UC IRVINE
DTEI Graduate Summer Program $\qquad$ 2022
Fellowship awarded by the Division of Teaching Excellence and Innovation (DTEI) for development and improvement of hybrid pedagogy

Teaching Assistant: $\qquad$ 2022 - Current
Introduction to Linguistics (LSCI 3), Research methods in Psychology (PSYCH 112M)

UC San Diego
Instructional Assistant, Computational Linguistics (LIGN 165)   2020

Other work	*AI/Data Analytics Engineer*	Oct 2019 - April 2020
Experience	**Intelligent Fiber Optic Systems Corporation**	

- Designed and implemented hybrid (empirical and physics-based) analytics for fiber optic sensing in commercial and R&D projects
- Developed research proposals for government R&D projects

Honors and	**DTEI Graduate Summer Fellowship**, UC Irvine (2022)
Awards	**Provost Honors**, UC San Diego, (2019 - 2020)
	Honors Research Scholar, Bay Honors Consortium's Annual Research Symposium (2018)

Skills	**Programming**: Python, R, MATLAB, Clojure, C++
	Software and Tools: SPSS, PCIbex, git, Unix