

# Tania Chakraborty

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EDUCATION	<b>Purdue University</b> , West Lafayette, Indiana, USA Ph.D. in Natural Language Processing, Department of Computer Science	(expected) May 2027 <b>3.80/4.0</b>
	<b>Purdue University</b> , West Lafayette, Indiana, USA BSc.in Electrical and Computer Engineering, School of Engineering	May 2019 <b>3.52/4.0</b>
PUBLICATIONS	<b>VIBE: Can a VLM Read the Room?</b> Tania Chakraborty, Eylon Caplan and Dan Goldwasser Findings of EMNLP 2025, Suzhou, China, November 4–9	
	<b>Splits! A Flexible Dataset and Evaluation Framework for Sociocultural Linguistic Investigation</b> Eylon Caplan, Tania Chakraborty and Dan Goldwasser Pre-print, under review	
	<b>A Large Scale Low-Resource Pronunciation Data Set Mined From Wikipedia</b> Tania Chakraborty, Manasa Prasad, Theresa Breiner, Sandy Ritchie, and Daan van Esch arXiv preprint, 2021 (work done while at Google)	
WORK EXPERIENCE	<b>Software Engineer, Google, Mountain View</b> Team: Google TV	Jun 2020–Jul 2022
	Back-end engineer for Google’s <i>Play Movies and TV</i> and <i>Google TV</i> . Designed and implemented a new notification system for Google TV. Contributed to Google TV launch on iOS. Served on on-call teams.	
	<b>SWE Engineering Resident, Google, Mountain View</b> Team: Languages and Linguistics, Google Search	Jan 2020–Jun 2020
	Designed and implemented crawler and data processor to mine linguistic data from Wikipedia, with a focus on low resource languages. Additionally, implemented a pipeline to automate the generation of language rules, improving efficiency for Google linguists.	
	<b>SWE Engineering Resident, Google, Mountain View</b> Team: Android Security and Privacy, Google Play	Jul 2019–Jan 2020
TEACHING EXPERIENCE	Designed and implemented nightly running framework to ensure the health of the main android app safety system. Also designed and implemented dashboard to facilitate error detection in the android app safety system.	
	<b>Software Engineer Intern, Oracle, Bangalore</b> Oracle Banking Platform	May 2018–Jul 2018
	Developed automatic id verification for Oracle’s Intelligent Document Verification System.	
	<b>AI Forge, Purdue University, West Lafayette</b> Developed generative AI based course project for senior undergraduate and graduate students in Computer Science. Other responsibilities include conducting office hours to help students with core AI concepts and mentoring students through individual study AI projects.	May 2025–present
	<b>C Programming for Engineers, Purdue University, West Lafayette and Indianapolis</b> Graduate Teaching Assistant	Jan 2023–May 2025
	Introductory C programming class for all engineering students. Conducted labs and office hours to guide students through labs and homework assignments. Helped undergraduate TAs gain experience conducting labs.	
	<b>C Programming for Engineers, Purdue University, West Lafayette</b> Undergraduate Teaching Assistant	Jan 2015–May 2019
	Introductory C programming class for all engineering students. Conducted labs and office hours to guide students through labs and homework assignments.	