Tania Chakraborty

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EDUCATION

Purdue University, West Lafayette, Indiana, USA (expected) May 2027
Ph.D. in Natural Language Processing, Department of Computer Science **3.80/4.0**

Purdue University, West Lafayette, Indiana, USA May 2019
BSc. in Electrical and Computer Engineering, School of Engineering **3.52/4.0**

PUBLICATIONS

VIBE: Can a VLM Read the Room?
Tania Chakraborty, Eylon Caplan and Dan Goldwasser
Findings of EMNLP 2025, Suzhou, China, November 4–9

Splits! A Flexible Dataset and Evaluation Framework for Sociocultural Linguistic Investigation
Eylon Caplan, Tania Chakraborty and Dan Goldwasser
Pre-print, under review

A Large Scale Low-Resource Pronunciation Data Set Mined From Wikipedia
Tania Chakraborty, Manasa Prasad, Theresa Breiner, Sandy Ritchie, and Daan van Esch
arXiv preprint, 2021 (work done while at Google)

WORK EXPERIENCE

Software Engineer, Google, Mountain View Jun 2020–Jul 2022
Team: Google TV
Back-end engineer for Google's *Play Movies and TV* and *Google TV*. Designed and implemented a new notification system for Google TV. Contributed to Google TV launch on iOS. Served on on-call teams.

SWE Engineering Resident, Google, Mountain View Jan 2020–Jun 2020
Team: Languages and Linguistics, Google Search
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.

SWE Engineering Resident, Google, Mountain View Jul 2019–Jan 2020
Team: Android Security and Privacy, Google Play
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.

Software Engineer Intern, Oracle, Bangalore May 2018–Jul 2018
Oracle Banking Platform
Developed automatic id verification for Oracle's Intelligent Document Verification System.

TEACHING EXPERIENCE

AI Forge, Purdue University, West Lafayette May 2025–present
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.

C Programming for Engineers, Purdue University, West Lafayette and Indianapolis Jan 2023–May 2025
Graduate Teaching Assistant
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.

C Programming for Engineers, Purdue University, West Lafayette Jan 2015–May 2019
Undergraduate Teaching Assistant
Introductory C programming class for all engineering students. Conducted labs and office hours to guide students through labs and homework assignments.