

Daniel Chechelnitsky

 chechelnitskd —  dchechel@cmu.edu —  Google Scholar

RESEARCH INTERESTS

translation technologies, machine translation, multilingual NLP, dialects, user perspectives

EDUCATION

Carnegie Mellon University

Doctor of Philosophy in Language and Information Technology

- Advisors: Maarten Sap & Chrysoula Zerva

Pittsburgh, PA

Aug. 2024 – Apr. 2029

University of Michigan – Ann Arbor

Master of Science in Computer Science and Engineering

- Advisor: Nikola Banovic

Ann Arbor, MI

Aug. 2022 – Apr. 2024

Macalester College

Bachelor of Arts in Linguistics

- Advisor: Susan Fox

Saint Paul, MN

Aug. 2018 – May 2022

EXPERIENCE

SULI Intern

Argonne National Laboratory

- Replicated AUC results from MOLI and Velodrome model papers
- Optimized hyperparameter training of MOLI using Ray tune
- Presented findings at SULI Summer Research Showcase

Jun. 2022 – Aug. 2022

Lemont, IL

DSI Summer Lab Intern

The University of Chicago - Data Science Institute

- Built an accessible mobile app using Flutter framework that uses deep learning models trained on Kaggle datasets to predict prostate cancer, skin cancer, and heart failure risk
- Demo-ed app and presented poster at DSI Summer Lab and Macalester College 2021 Summer Research Showcases

Jun. 2021 – Aug. 2021

Chicago, IL

Software Development Intern

GogyUp

- Designed, programmed and integrated 2 different NLP frameworks successfully into a Smart Dictionary App from spaCy Python library
- Compared 2 other implementations of text processing APIs in Python
- Presented 12 weekly Google Analytics website traffic reports at company meetings

Nov. 2020 – Apr. 2021

Minneapolis, MN

PUBLICATIONS

Not Like Us, Huntly: Measuring Perceptions and Behavioral Effects of Minoritized Anthropomorphic Cues in LLMs

Jeffrey Basoah*, [Daniel Chechelnitsky](#)*, Tao Long, Katharina Reinecke, Chrysoula Zerva, Kaitlyn Zhou, Mark Díaz, Maarten Sap
FAccT, 2025

Rejected Dialects: Biases Against African American Language in Reward Models

Joel Mire*, Zubin Trivadi Aysola*, [Daniel Chechelnitsky](#), Nicholas Deas, Chrysoula Zerva, Maarten Sap
NAACL (Findings), 2025

Don't Beep At Me: Using Google Maps APIs to Reduce Driving Anxiety

[Daniel Chechelnitsky](#)
Macalester College, 2022

MANUSCRIPTS UNDER REVIEW

Empire Amplifier: Uncovering and Contesting the Prioritization of Colonial Content on Platforms Through Community-Informed Algorithmic Auditing

Nel Escher, Bakyt Yrysov, Ashley McDermott, Daniel Chechelnitsky, Hermela Benyam, Nikola Banovic
CSCW, 2026

TEACHING EXPERIENCE

Graduate Student Instructor

Aug. 2022 – May 2024

University of Michigan - Ann Arbor

Ann Arbor, MI

- Led two lab sections weekly for EECS 281: Data Structures and Algorithms & EECS 403: Graduate Foundations of Data Structures and Algorithms
- Held office hours, organized review sessions, and facilitated Piazza forums, graded assignments and exams

Instructional Aide

Jan. 2020 – May 2022

Macalester College

Saint Paul, MN

- Held office hours, graded assignments, and assisted in course planning across 5 semesters for Data Structures, Core Concepts in CS, Theory of Computation, Computer Systems, and Computational Linear Algebra

HONORS & AWARDS

- CMU Portugal Dual Degree Scholarship, 2024
- Computer Science Departmental Honors, Macalester College, 2022
- cum laude, Macalester College, 2022
- ASA DataFest 2021 Challenge Best Question Asked, 2021

PRESS

- IBM article (Rejected Dialects)

TECHNICAL SKILLS

Languages: Java, Python, C++, C, SQL (SQLite/MySQL), Dart, Elixir, Swift, JavaScript, R, HTML

Other Tools: Google Cloud, PyTorch, Keras, Prolific