

Daniel Chechelnitsky

✉ chechelnitskd — 📩 dchechel@cmu.edu — 🎓 Google Scholar

RESEARCH INTERESTS

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

EDUCATION

Carnegie Mellon University	Pittsburgh, PA
<i>Doctor of Philosophy in Language and Information Technology</i>	<i>Aug. 2024 – Apr. 2029</i>
• Advisors: Maarten Sap & Chrysoula Zerva	
University of Michigan – Ann Arbor	Ann Arbor, MI
<i>Master of Science in Computer Science and Engineering</i>	<i>Aug. 2022 – Apr. 2024</i>
• Advisor: Nikola Banovic	
Macalester College	Saint Paul, MN
<i>Bachelor of Arts in Linguistics</i>	<i>Aug. 2018 – May 2022</i>
• Advisor: Susan Fox	

EXPERIENCE

SULI Intern	Jun. 2022 – Aug. 2022
<i>Argonne National Laboratory</i>	<i>Lemont, IL</i>
• Replicated AUC results from MOLI and Velodrome model papers	
• Optimized hyperparameter training of MOLI using Ray tune	
• Presented findings at SULI Summer Research Showcase	
DSI Summer Lab Intern	Jun. 2021 – Aug. 2021
<i>The University of Chicago - Data Science Institute</i>	<i>Chicago, IL</i>
• 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	
Software Development Intern	Nov. 2020 – Apr. 2021
<i>GogyUp</i>	<i>Minneapolis, MN</i>
• 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	

PUBLICATIONS

Not Like Us, Hunty: 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

University of Michigan - Ann Arbor

Aug. 2022 – May 2024

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

Macalester College

Jan. 2020 – May 2022

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