## Carolyn Jane Anderson

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#### Education

**Ph.D. in Linguistics.** University of Massachusetts, Amherst

Dissertation: Shifting the Perspectival Landscape

Advisors: Brian Dillon and Rajesh Bhatt

M.A. in Linguistics. University of Massachusetts, Amherst

May 2019

**B.A.** in Linguistics and minor in Computer Science. Swarthmore College

Fulbright Research Fellow, supervised by Leslie Saxon and Jessica Coon

High Honors in Linguistics and Natural Language Models

June 2014

#### **Positions**

Wellesley College, Computer Science Department
Assistant Professor

BBN Technologies, Analytics and Machine Intelligence Group
Research Intern

Fulbright Canada, University of Victoria and McGill University

2021–present
2018–2019
2018–2019

#### Grants

NSF Future of Work Medium: AI-Assisted Programming: Equipping Social and Natural Scientists for the Future of Research.

2023-2027
Collaborative award with Arjun Guha (Northeastern), Molly Feldman (Oberlin), and Erin Teich (Wellesley).

## **Journal Articles**

1. Raymond Li, Loubna Ben Allal, Yangtian Zi, Niklas Muennighoff, Denis Kocetkov, Chenghao Mou, Marc Marone, Christopher Akiki, Jia Li, Jenny Chim, Qian Liu, Evgenii Zheltonozhskii, Terry Yue Zhuo, Thomas Wang, Olivier Dehaene, Mishig Davaadorj, Joel Lamy-Poirier, João Monteiro, Oleh Shliazhko, Nicolas Gontier, Nicholas Meade, Armel Randy, Ming-Ho Yee, Logesh Kumar Umapathi, Jian Zhu, Benjamin Lipkin, Muhtasham Oblokulov, Zhiruo Wang, Rudra Murthy, Jason Stillerman, Siva Sankalp Patel, Dmitry Abulkhanov, Marco Zocca, Manan Dey, Zhihan Zhang, Nour Fahmy, Urvashi Bhattacharyya, Suriya Gunasekar, Wenhao Yu, Swayam Singh, Sasha Luccioni, Paulo Villegas, Maxim Kunakov, Fedor Zhdanov, Manuel Romero, Tony Lee, Nadav Timor, Jennifer Ding, Claire Schlesinger, Hailey Schoelkopf, Jan Ebert, Tri Dao, Mayank Mishra, Alex Gu, Jennifer Robinson, Carolyn Jane Anderson, Brendan Dolan-Gavitt, Danish Contractor, Siva Reddy, Daniel Fried, Dzmitry Bahdanau, Yacine Jernite, Carlos Muñoz Ferrandis, Sean Hughes, Thomas Wolf, Arjun Guha, Leandro von Werra, Harm de Vries. 2023. StarCoder: May the Source Be With You! To appear in Transactions on Machine Learning Research.

- 2. Federico Cassano, John Gouwar, Daniel Nguyen, Sydney Nguyen, Luna Phipps-Costin, Donald Pinckney, Ming-Ho Yee, Yangtian Zi, Carolyn Jane Anderson, Molly Q Feldman, Arjun Guha, Michael Greenberg, Abhinav Jangda. 2023. MultiPL-E: A Scalable and Extensible Approach to Benchmarking NL2Code for 18 Programming Languages. *IEEE Transactions on Software Engineering* 49(7).
- 3. Anderson, Carolyn Jane and Brian Dillon. 2023. Grammatical perspective-taking in comprehension and production. *Open Mind* 7, 31-78.
- 4. Silva-Robles, Fe, Felipe H. Lopez, John Duff, and Carolyn Jane Anderson. 2022. Eliciting Associated Motion Constructions in Two Zapotec Languages. *Semantic Fieldwork Methods*.
- 5. Anderson, Carolyn Jane and Brook Danielle Lillehaugen. 2016. Negation in Colonial Valley Zapotec. *Transactions of the Philological Society* 114(3).

## **Peer-Reviewed Conference Proceedings Papers**

- 1. Federico Cassano, Luisa Li, Akul Sethi, Noah Shinn, Abby Brennan-Jones, Jacob Ginesin, Edward Berman, George Chakhnashvili, Anton Lozhkov, Carolyn Jane Anderson, Arjun Guha. Can It Edit? Evaluating the Ability of Large Language Models to Follow Code Editing Instructions. To appear in the *Proceedings of the Conference on Language Modeling* 2024.
- 2. Federico Cassano, John Gouwar, Francesca Lucchetti, Anders Freeman, Claire Schlesinger, Carolyn Jane Anderson, Molly Q Feldman, Michael Greenberg, Abhinav Jangda, and Arjun Guha. Knowledge Transfer from High-Resource to Low-Resource Programming Languages for Code LLMs. To appear in *Proceedings of the ACM SIGPLAN Conference on Object Oriented Programming, Systems, Languages and Applications* (OOPSLA) 2024.
- 3. Hannah Babe, Sydney Nguyen, Yangtian Zi, Arjun Guha, Molly Q Feldman, and Carolyn Jane Anderson. 2024. StudentEval: a Benchmark of Student-Written Prompts for Large Language Models of Code. To appear in Association for Computational Linguistics (ACL) Findings.
- 4. Molly Feldman and Carolyn Jane Anderson. 2024. Non-Expert Programmers in the Generative AI Future. *Proceedings of the 3rd Annual Meeting of the Symposium on Human-Computer Interaction for Work* (CHIWORK).
- 5. Sydney Nguyen, Hannah Babe, Yangtian Zi, Arjun Guha, Carolyn Jane Anderson, and Molly Q Feldman. 2024. How Beginning Programmers and Code LLMs (Mis)read Each Other. *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems*.
- 6. Zhao, Jingmiao and Carolyn Jane Anderson. Solving and Generating NPR Sunday Puzzles with Large Language Models. Short paper to appear in *Proceedings of the International Conference on Computational Creativity (ICCC)*.
- 7. Kolisko, Skylar and Carolyn Jane Anderson. 2023. Exploring Social Biases of Large Language Models in a College Artificial Intelligence Course. *Proceedings of the Thirteenth Symposium on Educational Advances in Artificial Intelligence (EAAI-23)*, co-located at AAAI 2023.
- 8. Phipps-Costin, Luna, Carolyn Jane Anderson, Michael Greenberg, and Arjun Guha. 2021. Solver-based Gradual Type Migration. *Proceedings of the ACM SIGPLAN Conference on Object Oriented Programming, Systems, Languages and Applications* (OOPSLA) 2021. **Selected for oral presentation. Distinguished Artifact Award.**
- 9. Anderson, Carolyn Jane. 2021. Tell Me Everything You Know: A Conversation Update System for the Rational Speech Acts Framework. *Proceedings of the Society for Computation in Linguistics* (SCiL) 4.

- 10. Anderson, Carolyn Jane and Brian Dillon. 2019. Guess who's coming (and who's going): bringing perspective to the Rational Speech Acts framework. *Proceedings of the Society for Computation in Linguistics* (SCiL) 2.
- 11. Anderson, Carolyn Jane, Nate Foster, Arjun Guha, Jean-Baptiste Jeannin, Dexter Kozen, Cole Schlesinger, and David Walker. 2014. NetKAT: Semantic foundations for networks. *Proceedings of the ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages* (POPL) 2014. **Selected for oral presentation.**

## **Peer-Reviewed Workshop Proceedings Papers**

- 1. Yang, Funing and Carolyn Jane Anderson. Evaluating Computational Representations of Character: An Austen Character Similarity Benchmark. *Proceedings of the 4th International Workshop on Natural Language Processing for Digital Humanities (NLP4DH) at EMNLP 2024.*
- 2. Carolyn Jane Anderson. Exploring Language Representation through a Resource Inventory Project. *Proceedings of the TeachNLP workshop at the Association for Computational Linguistics* 2024.
- 3. Carolyn Jane Anderson. A Prompting Assignment for Exploring Pretrained LLMs. *Proceedings of the TeachNLP workshop at the Association for Computational Linguistics* 2024.
- 4. Ben Allal, Loubna, Raymond Li, Denis Kocetkov, Chenghao Mou, Christopher Akiki, Carlos Munoz Ferrandis, Niklas Muennighoff, Mayank Mishra, Alex Gu, Manan Dey, Logesh Kumar Umapathi, Carolyn Jane Anderson, Yangtian Zi, Joel Lamy Poirier, Hailey Schoelkopf, Sergey Troshin, Dmitry Abulkhanov, Manuel Romero, Terry Yue Zhuo, Francesco De Toni, Bernardo García del Río, Qian Liu, Shamik Bose, Urvashi Bhattacharyya, Michael Lappert, Ian Yu, Paulo Villegas, Jia Li, David Lansky, Huu Nguyen, Danish Contractor, Luis Villa, Daniel Fried, Dzmitry Bahdanau, Yacine Jernite, Sean Hughes, Arjun Guha, Harm de Vries, Leandro von Werra. 2022. SantaCoder: Don't Reach For the Stars! Deep Learning for Code Workshop (DL4C), 2023. Best Paper Award.
- 5. Masis, Tessa and Carolyn Jane Anderson. ProSPer: Probing Human and Neural Network Language Model Understanding of Spatial Perspective. 2021. *Proceedings of the BlackboxNLP workshop at the Conference on Empirical Methods in Natural Language Processing* 2021.

## **Linguistics Proceedings Papers**

- 1. Carolyn Jane Anderson and Arjun Guha. 2024. Protagonist-Mediated Perspective. *Proceedings of Sinn und Bedeutung* (SuB) 28.
- 2. Bolaños Lewen, Carina and Carolyn Jane Anderson. 2022. (Some) parentheses are focus-sensitive operators. *Proceedings of Sinn und Bedeutung* (SuB) 26.
- 3. Anderson, Carolyn Jane. 2021. Coming in, or going out? Measuring the effect of discourse factors on perspective prominence. *Proceedings of Experiments in Linguistic Meanings* (ELM) 1.
- 4. Anderson, Carolyn Jane. 2019. *Tomorrow* is not always a day away. *Proceedings of Sinn und Bedeutung* (SuB) 23. **Selected for oral presentation**.

#### **Invited Contributions**

1. Guerzhoy, Michael, Marion Neumann, Pat Virtue, **Carolyn Jane Anderson**, Yaman K Singla, Alexi Orchard, Rajiv Ratn Shah. 2023. EAAI-23 Blue Sky Ideas in Artificial Intelligence Education from the AAAI/ACM SIGAI New and Future AI Educator Program. *AI Matters* 9(2).

#### **Conference Presentations**

- 1. Maeve Doyle, Alexander Brey, and Carolyn Jane Anderson. Manuscript Connections. Talk given at the Computer Vision and Art History Today convening. 2024. Barnes Foundation, Philadelphia.
- 2. Carolyn Jane Anderson and Yoolim Kim. What parenthesized modifiers (may) mean: Experimental evidence from English and Korean. Poster presented at the 37th Annual Conference on Human Sentence Processing (HSP).
- 3. Carolyn Jane Anderson and Yoolim Kim. Parenthesized Modifiers in English and Korean: What They (May) Mean. Poster to be presented at Experiments in Linguistic Meaning (ELM) 3.
- 4. Hannah Babe, Sydney Nguyen, Yangtian Zi, Arjun Guha, Molly Q Feldman, and Carolyn Jane Anderson. StudentEval: a Benchmark of Student-Written Prompts for Large Language Models of Code. Presented at the First International Workshop on Large Language Models for Code (LLM4Code), collocated with ICSE 2024. Best Presentation Award.
- 5. Federico Cassano, Luisa Li, Akul Sethi, Noah Shinn, Abby Brennan-Jones, Jacob Ginesin, Edward Berman, George Chakhnashvili, Anton Lozhkov, Carolyn Jane Anderson, Arjun Guha. 2024. Can It Edit? Evaluating the Ability of Large Language Models to Follow Code Editing Instructions. Presented at the First International Workshop on Large Language Models for Code (LLM4Code), collocated with ICSE 2024.
- 6. Funing Yang and Carolyn Jane Anderson. Using Austen's Characters to Evaluate Computational Pipelines for Literature. Talk given at New Directions in Analyzing Text as Data 2023.
- 7. Cheryl Wang and Carolyn Jane Anderson. Exploring shifts in women-directed stereotypes across Wikipedia time periods. Poster presented at New Directions in Analyzing Text as Data 2023.
- 8. Kiara Liu, Miranda Zhu, and Carolyn Jane Anderson. XiaoshuoNLP: An Computational Pipeline for Processing Chinese Literary Texts. Poster presented at New Directions in Analyzing Text as Data 2023.
- 9. Carolyn Jane Anderson and Yoolim Kim. Cross-linguistic differences in processing parentheticals between English and Korean. Talk given at Comparative Punctuation Worldwide, 2023.
- 10. Carolyn Jane Anderson and Arjun Guha. Protagonist-Mediated Perspective. Poster presented at Sinn und Bedeutung 28.
- 11. Nguyen, Sydney and Carolyn Jane Anderson. Do All Minority Languages Look the Same to Chat-GPT? Linguistic (Mis)information in a Large Language Model. Poster presented at the Society for Computation in Linguistics (SCiL) 2023.
- 12. Carolyn Jane Anderson. Making AI Education More Interdisciplinary Through Computational Creativity. Talk given at the AAAI/ACM New and Future Educators Blue Sky session at EAAI, 2023.
- 13. Carolyn Jane Anderson. Protagonist-Mediated Perspective. Talk given at the Narration in Context workshop at the Deutsche Gesellschaft für Sprachwissenschaft (DGfS), 2022.
- 14. Anderson, Carolyn Jane. Diagnosing the semantics of perspectival expressions. Poster presented at the Annual Meeting of the Linguistic Society of America (LSA), 2021.
- 15. Anderson, Carolyn Jane and Tessa Masis. Can neural network language models understand spatial perspective? Paper presented at the Bridging AI and Cognitive Science (BAICS) workshop, at the International Conference on Learning Representations (ICLR), 2020.
- 16. Anderson, Carolyn Jane and Brian Dillon. Taking other perspectives into account: an RSA model of perspectival reasoning. Talk given at Rational Approaches in Language Science (RAiLS), 2019.

- 17. Anderson, Carolyn Jane. Explaining the progressive motion verb puzzle in Zapotec. Talk given at the Texas Linguistics Society, 2019.
- 18. Anderson, Carolyn Jane. *Tomorrow* isn't always a day away. Poster presented at the 31st annual CUNY Human Sentence Processing Conference, 2018.
- 19. Anderson, Carolyn Jane. The San Lucas Quiaviní Zapotec andative and venitive. Talk presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2018. **Honorable Mention, Best Student Paper Presentation**
- 20. Anderson, Carolyn Jane. The andative and venitive construction in San Lucas Quiaviní Zapotec. Talk presented at Multi-Verb Constructions: Semantic, Syntactic and Typological Perspectives (MVC), 2017.
- 21. Anderson, Carolyn Jane and Brook Danielle Lillehaugen. The morphosyntax of negation in Colonial Valley Zapotec. Talk presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2015.
- 22. Anderson, Carolyn Jane and Brook Danielle Lillehaugen. La morfosintaxis de la negation en el zapoteco del Valle colonial. Talk presented at Coloquio sobre Lenguas Otomangues y Vecinas (COLOV) IV: Mario Molina Cruz, 2014.
- 23. Anderson, Carolyn Jane. Language ideology and human rights doctrine in Morocco. Talk presented at New Ways of Analyzing Variation (NWAV) 42, 2013.

## **Manuscripts**

- 1. Wu, Zixuan, Yoolim Kim, and Carolyn Jane Anderson. 2024. GlyphPattern: An Abstract Pattern Recognition for Vision-Language Models. https://arxiv.org/abs/2408.05894.
- 2. Anderson, Carolyn Jane. 2021. Untangling classes of context-sensitivity: a closer look at the semantics of American English *tomorrow*.
- 3. Anderson, Carolyn Jane. 2021. Shifting the Perspectival Landscape: Methods for Encoding, Identifying, and Selecting Perspectives. Dissertation, University of Massachusetts, Amherst.
- 4. Anderson, Carolyn Jane. 2017. The andative and venitive construction in San Lucas Quiaviní Zapotec. Ms., University of Massachusetts, Amherst.
- 5. Anderson, Carolyn Jane. 2014. I talk it and I feel it: Language attitudes of Moroccan university students. Honors thesis, Swarthmore College.

#### **Invited Talks**

"Which Programmers Will Generative AI Empower? Lessons from Charlie the Coding Cow."

• Wellesley College Reunion Faculty Lecture Series. 2024.

"Modeling Perspectives in Narratives."

• Stories that Win Symposium hosted by the Incubator for Transdisciplinary Futures at Washington University. 2024.

"Demystifying Large Language Models."

Wellesley College Alumnae Association Faculty Speaker Series. 2024.

"Perspectives, Puzzles, and Programming: Linguistics Meets Computer Science."

• Swarthmore College Linguistics Colloquium. 2024.

"Evaluating Large Language Models of Code."

• Brookhaven National Laboratory AI/ML Seminar Series. 2023.

"Large Language Models v. Humans."

• University of Connecticut School of Law. 2023.

"Evaluating multi-language code generation."

• MathWorks. 2023.

"A Bayesian approach to modeling grammatical perspective-taking."

- GdR LIFT research group, ILFC (les interactions entre linguistiques formelles et computationnelles) Seminar. 2023.
- Brandeis University, Department of Linguistics and Computational Linguistics. 2021.

"Guess Who's Coming to Dinner: a Bayesian approach to modeling perspective."

- Boston University, Department of Linguistics. 2020.
- Cornell Tech, Department of Computer Science. 2020.
- Colgate University, Department of Computer Science. 2019.
- Denison University, Department of Data Analytics. 2019.
- James Madison University, Department of Computer Science. 2019.
- Mount Holyoke College, Department of Computer Science. 2019.
- Occidental College, Department of Computer Science. 2019.
- University of Massachusetts, Amherst, Department of Computer Science. 2019.
- Wellesley College, Department of Computer Science. 2019.

#### Other Presentations

- 1. Anderson, Carolyn Jane. The Future of Programming. Talk given in the Wellesley College Science Center Faculty Seminar Series, 2024.
- 2. Anderson, Carolyn Jane. What (Some) Parentheses Mean. Poster presented at the UMass Linguistics department's 50th anniversary celebration, 2023.
- 3. Anderson, Carolyn Jane. Reasoning about perspectives. Abstract selected for presentation at the Science Speed Geeking event at the XPrag Summer School, 2019.
- 4. Anderson, Carolyn Jane. Use your words (better): two projects on making better use of text for ASR. Intern presentation, BBN Technologies, 2019.
- 5. Anderson, Carolyn Jane. Neural networks for ASR: focusing on the text. Intern presentation, BBN Technologies, 2018.

# Teaching

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|---|---|
| <ol> <li>Instructor, Wellesley College, Computer Science Department<br/>CS333: Natural Language Processing</li> </ol>                           | t Fall 2022 and Fall 2023                   |
| <ol> <li>Instructor, Wellesley College, Computer Science Department<br/>2024</li> <li>CS232: Artificial Intelligence</li> </ol>                 | t Spring 2022, Fall 2022, Fall 2023, Spring |
| <ol> <li>Instructor, Wellesley College, Computer Science Department<br/>Spring 2024</li> <li>CS111: Introduction to Computer Science</li> </ol> | t Fall 2021, Spring 2022, Spring 2023,      |
| 4. Instructor, Wellesley College, Computer Science Department CS251: Principles of Programming Languages  | t Fall 2021                                 |
| 5. Instructor, University of Massachusetts Amherst, Linguistics First Year Seminar: Technology for Language Revitalizatio                       |   |
| <ol> <li>Teaching Assistant, University of Massachusetts Amherst, L<br/>Language Processing and the Brain (Instructor: Brian Dillon</li> </ol>  | · .   |
| <ol> <li>Instructor, Mt. Holyoke College, Computer Science Departm<br/>Programming Languages</li> </ol>   | nent Fall 2018                              |
| 8. Teaching Assistant, University of Massachusetts Amherst, L <b>Introduction to Linguistic Theory</b> (Instructor: Seth Cable)                 | inguistics Department Spring 2017           |
| 9. Teaching Assistant, University of Massachusetts Amherst, L<br>Cognitive Modeling (Instructor: Gaja Jarosz)                                   | inguistics Department Fall 2017             |
| Advising  |   |
| Wellesley College Research Projects   |   |
| Zixuan Wu<br>Pattern recognition in text-vision models  | 2024  |
| Abby Brennan-Jones How do beginning programmers use code generation tools?  | 2023-2024                                   |
| Yuneydy Paredes How do beginning programmers use code generation tools?   | 2023-2024                                   |
| Hangyeol Park (Co-advised with Yoolim Kim)<br>Project: Parentheticals in Korean and English   | 2023-2024                                   |
| Jin Ryu (Co-advised with Yoolim Kim)<br>Project: Parentheticals in Korean and English   | 2023-2024                                   |
| Sydney Nguyen<br>How do beginning programmers use code generation tools?  | 2022-2023                                   |
| Rachelle Hu<br>The geometric space of code embeddings   | 2022-2023                                   |
| Kiara Liu and Miranda Zhu<br>Building an NLP pipeline for Chinese literature  | 2022-2023                                   |
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| Cheryl Wang<br>Quantifying word embedding bias from historical events                                     |           |  |
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| Darcy Kim, Aizah Rao, Alexandra Chin<br>Quantifying word embedding bias from historical events            | 2021-2022 |  |
| Kiara Liu<br>Inspector BERT: murder mysteries as a case study on language model narrative understanding   | 2021-2022 |  |
| Angel Ding<br>Machine learning tools for identifying and classifying marginalia in medieval manuscripts   | 2021-2022 |  |
| Rachelle Hu<br>How do beginning programmers use code generation tools?                                    | 2021-2022 |  |
| Wellesley College Honors Theses   |           |  |
| Anders Freeman<br>The Quest for Quality Data  | 2023-2024 |  |
| Michelle Zhao<br>Solving and Generating NPR Sunday Puzzles with Large Language Models                     | 2022-2023 |  |
| Skylar Kolisko<br>Exploring Name Bias in NLP Models   | 2022      |  |
| Funing Yang<br>An Extraction and Representation Pipeline for Literary Characters                          | 2021-2022 |  |
| University of Massachusetts, Amherst  |           |  |
| Tessa Masis<br>Project: Experimental and computational modeling of perspectival motion verbs              | 2019-2020 |  |
| Alicia LeClair<br>Project: Perspectival motion verbs in Western Tlacolula Valley Zapotec                  | 2017      |  |
| Other   |           |  |
| Carina Bolaños Lewen<br>Project: Semantics and pragmatics of perspectival motion verbs and parentheticals | 2020-2021 |  |
| Awards  |           |  |
| AAAI/ACM SIGAI New and Future AI Educator   | 2023      |  |
| Computing Research Association Outstanding Undergraduate Researchers Award Finalist                       | 2014      |  |
| The Linguistics Prize in Applications of Theory, Swarthmore College                                       | 2014      |  |
| Phi Beta Kappa Inductee   | 2014      |  |
| Philip M. Hicks Prize for Best Critical Essay   | 2013      |  |

## Fellowships

| BBN Technologies Research Fellowship 2019 and 2020 Selkirk Linguistics Outreach Fund Award 2016  |
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| O  |
| University of Massachusetts Amherst Fellowship 2015–2016   |
| Fulbright Canada Research Scholarship 2014–2015  |
| Programming Languages Mentoring Workshop Scholarship 2013 and 2014   |
| Marianne Durand Frey '57 Scholar 2011–2014   |
| National Merit Scholar 2010  |
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| Research Assistantships  |
| University of Massachusetts Amherst, Linguistics Department Research Assistant Primary investigator: Seth Cable Topic: Semantics of Endangered Languages in North America      |
| University of Massachusetts Amherst, Linguistics Department Research Assistant Primary investigator: Gaja Jarosz Topic: Computational phonology                                |
| Haverford College, Ticha Digital Humanities Project Research Intern Advisor: Brook Lillehaugen Topic: Web-based preservation and presentation of Colonial Valley Zapotec texts |
| Cornell University, Computer Science Department Research Intern, supervised by Nate Foster Topic: NetKAT: a domain-specific language for networking                            |
| Service  |
| Internal Service   |
| Library Awards Committee committee member 2024   |
| Extramural Graduate Fellowship committee member 2023-2024  |
| Ruhlman committee member 2023, 2024  |
| CS representative to the Summer Research Program selection committee 2022-2024   |
| Tenure-track advisory committee member 2022-2023   |
| External Service   |
| Chair, Society for Computation in Linguistics 2025   |

| Area Chair, ACL Rolling Review / EMNLP  | 2024             |
|---|------------------|
| Area Chair, EMNLP, Linguistic Theories, Cognitive Modeling, and Psycholinguistics track | 2023             |
| Editorial Board, Semantics & Pragmatics   | 2023-present     |
| Reviewer, Communications of the ACM   | 2023, 2024       |
| Reviewer, Society for Computation in Linguistics  | 2022, 2023, 2024 |
| Reviewer, Society for Human Sentence Processing (HSPS) Annual Conference                | 2022, 2023, 2024 |
| Reviewer, BlackboxNLP workshop at EMNLP   | 2022, 2023, 2024 |
| Reviewer, Open Mind   | 2024             |
| Reviewer, NeurIPS Datasets and Benchmarks track   | 2023             |
| Reviewer, Association for the Advancement of Artificial Intelligence (AAAI)             | 2022             |
| Reviewer, ACL Rolling Review  | 2021             |
| Reviewer, Psychological Review  | 2021             |
| Reviewer, Language  | 2020             |