

## Education

- 2019 – . . . . ▶ **M.S., University of Washington Seattle** - Computer Science  
 Advisor: Prof. Dan Weld  
 Cumulative GPA 3.90 / 4.0  
 Highlighted Coursework: Natural Language Processing, Adv. Topics in Human-Computer Interaction, Deep Learning, Operating Systems, Computer Security
- 2016 – 2019 ▶ **B.S., University of Washington Seattle** - Computer Science, minor Mathematics  
 Thesis: *Finding and evaluating RNA motifs with CMfinder* [2].  
 Advisor: Prof. Larry Ruzzo  
 Cumulative GPA 3.94 / 4.0, *magna cum laude*, 2x Annual Dean's List  
 Highlighted Coursework: Machine Learning, Software Design & Implementation, Data Structures & Parallelism, Data Visualization, Algorithms, Databases, Systems Programming, Computational Biology  
 Started 2 years early through the Robinson Center Academy program.

## Research Experience

- 2020 – . . . . ▶ **Graduate Researcher** with Prof. Elena Glassman (Harvard) and Prof. Dan Weld (UW).  
 Currently developing an aggregation and visualization method for research paper abstracts.
- 2019 – . . . . ▶ **Graduate Researcher**, Lab for Human-AI Interaction (University of Washington)  
 Mentored by Gagan Bansal and advised by Prof. Dan Weld.  
 Developed, implemented, and evaluated a novel adaptive explanation style for human-AI teams on a sentiment analysis task. Analyzed participants' feedback on how AI explanations impacted their decision-making. Resulted in 2nd-author publication and submission to CHI [o]. Also featured in a WHI 2020 spotlight.
- 2018 – 2019 ▶ **Undergraduate Researcher** with Prof. Larry Ruzzo (University of Washington)  
 Developed a set of tools (*blockmerge* and *crosscompare*) and a pipeline centered on CMfinder to search for potentially structured fRNA sequences across alignment block boundaries and cluster found covariance models. Wrote up methods and findings in Bachelor's thesis [2].

## Teaching Experience

- 2018 – . . . . ▶ **Teaching Assistant**, University of Washington  
 Taught sections of 20+ students and assisted individual students in office hours.  
 Wrote and reviewed course handouts, homework, and exams.  
 Graded student programming assignments and exams.  
 2021 WI: CSE417 Algorithms & Computational Complexity (Prof. Robbie Weber)  
 2019 AU: CSE374 Programming Tools & Concepts (Tyler Pirtle)  
 2019 SP: CSE369 Introduction to Digital Design (Prof. Justin Hsia)  
 2019 WI: CSE369 Introduction to Digital Design (Prof. Justin Hsia)  
 2018 AU: CSE331 Software Design & Implementation (Prof. Mike Ernst)  
 2018 SU: CSE331 Software Design & Implementation (Leah Perlmutter)

## Publications

\* denotes equal contribution; + denotes significant contribution

### Conference and Journal Papers

- [o] G. Bansal\*, T. Wu\*, **J. Zhou**+, R. Fok+, B. Nushi, E. Kamar, M. T. Ribeiro, and D. S. Weld, "Does the whole exceed its parts? The effect of AI explanations on complementary team performance", CHI 2021. arXiv: 2006.14779 [cs.AI].  
 🔗 [Online]. Available: <https://arxiv.org/abs/2006.14779>.

### Preprints

- [2] **J. Zhou** and L. Ruzzo, "Finding and evaluating RNA motifs with CMfinder", Bachelor's thesis, 2019, 🔗 [Online]. Available: [https://cephcyn.github.io/pub/2019-bachelors\\_thesis-Finding\\_and\\_evaluating\\_RNA\\_motifs\\_with\\_CMfinder.pdf](https://cephcyn.github.io/pub/2019-bachelors_thesis-Finding_and_evaluating_RNA_motifs_with_CMfinder.pdf).

## Miscellaneous

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### Honors

2018    ▷   **Phi Beta Kappa**, honor society, top 10%, focus on liberal arts and sciences.

### Certifications

▷   **Oracle Certified Professional Java SE 8.**

2017    ▷   **Oracle Certified Associate Java SE 8.**