

Joyce Zhou

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Research Publications

Pre-prints

- 1 Bansal, G., Wu, T., **Zhou, J.**, Fok, R., Nushi, B., Kamar, E., Ribeiro, M. T., & Weld, D. S. (2020). *Does the whole exceed its parts? the effect of ai explanations on complementary team performance.*
[🔗 https://arxiv.org/abs/2006.14779](https://arxiv.org/abs/2006.14779)

Research Experience

- 2019 – 📌 **Graduate Student**, Lab for Human-AI Interaction
 Advised by Gagan Bansal and Dan Weld.
- 2018 – 2019 📌 **Undergraduate Researcher** with Larry Ruzzo
 Developed a set of tools (*blockmerge* and *crosscompare*) and a pipeline centered on CMfinder to search for fRNA sequences across alignment block boundaries and cluster found covariance models.
- 📌 **Undergraduate Researcher** with Emily Pahnke (Foster School of Business, UW)
 Collected, organized, and cleaned data from a diverse range of websites (social media, blogs, business homepages) to form an original data set.

Teaching Experience

- 2018 – 2019 📌 **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.
 2019AU: CSE374 Programming Tools & Concepts (Tyler Pirtle)
 2019SP: CSE369 Introduction to Digital Design (Justin Hsia)
 2019WI: CSE369 Introduction to Digital Design (Justin Hsia)
 2018AU: CSE331 Software Design & Implementation (Mike Ernst)
 2018SU: CSE331 Design & Implementation (Leah Perlmutter)
- 2017 📌 **Private tutor**, taught concepts in intro programming to CS students outside of UW.



Education

- 2019 – 📌 **M.S., University of Washington Seattle** - Computer Science.
 Advisor: Dan Weld
- 2016 – 2019 📌 **B.S., University of Washington Seattle** - Computer Science (minor Mathematics)
 Thesis: *Finding and evaluating RNA motifs with CMfinder.*
 Advisor: Larry Ruzzo
 magna cum laude, cumulative GPA 3.94 / 4.0
 Data Science focus

Skills



Code 📌 Java, Python, Bash, C, C++, JavaScript (D3), HTML/CSS, \LaTeX , ...

Skills (continued)

- Languages  Native English speaker/writer.
Proficient Shanghainese, Mandarin Chinese speaker.
Intermediate Spanish speaker/writer.
- Misc.  Plushie-making hobbyist

Miscellaneous

Awards and Achievements

- 2018  **Phi Beta Kappa**, honor society, top 10%, focus on liberal arts and sciences.
- 2016-2018  **Dean's List**, awarded for high quarterly GPA.

Certification

- 2018  **Oracle Certified Professional Java SE 8.**

References

Available on Request