ADAM WINCHELL

adamwinchell@colorado.edu

EXPERIENCE

Amazon Remote

Applied Scientist II, Amazon Advertising *Mar 2022 - July 2022*
Applied Scientist, Amazon Advertising *Mar 2021 - Mar 2022*
Software Engineer, Amazon Advertising *Mar 2020 - Mar 2021*

Google Boulder, CO

Software Engineer Intern, Google Payments *May 2019 - Aug 2019*

University of Colorado Boulder Boulder, CO

Research Assistant, Department of Computer Science *Aug 2017 - Dec 2019*
Undergraduate Instructor, Department of Computer Science *May 2018 - Aug 2018*

C2 Education Lafayette, CA

Tutor, Mathematics and Computer Science *Feb - July 2017*

Treehouse English Tokyo, Japan

English Teacher *Aug - Dec 2016*

Skidmore College Saratoga Springs, NY

Tutor, Departments of Mathematics and Computer Science *Aug 2013 - May 2016*
Admissions Guide *May - Aug 2015*
Research Assistant, Department of Mathematics *May - Aug 2014*
Research Assistant, Department of Chemistry *Nov 2012- Aug 2013*

EDUCATION

University of Colorado Boulder, CO
Master of Science in Computer Science *Aug 2017 - Dec 2019*
Dean's Fellowship

Skidmore College Saratoga Springs, NY
Bachelor of Arts in Mathematics and Computer Science *Aug 2012 - May 2016*
Dean's List, magna cum laude, Pi Mu Epsilon Society

SKILLS

Programming Languages: Python, Java, Javascript, HTML, CSS
Frameworks and Technologies: Pyspark, Pytorch, Dagger2, STAN, EMR, Lambda, DynamoDB, SQS, Airflow

PUBLICATIONS

Winchell, A., Lan, A., & Mozer, M. (2020). Highlights as an early predictor of student comprehension and interests. Cognitive Science, 44(11), e12901.

Kim, D. Y. J, **Winchell, A.**, Waters, A. E., Grimaldi, P. J., Baraniuk, R., & Mozer, M. C. (2020). Inferring student comprehension from highlighting patterns in digital textbooks: An exploration in an authentic learning platform. In S. Sosnovsky, P. Brusilovsky, R. G. Baraniuk, & A. S. Lan (Eds.), Second Workshop on Intelligent Textbooks, Springer.

Winchell, A., Mozer, M. C., Lan, A., Grimaldi, P., & Pashler, H. (2018). Can textbook annotations serve as an early predictor of student learning? In K. E. Boyer & M. Yudelson (Eds.), Proceedings of the 11th International Conference on Educational Data Mining (pp. 431-437). EDM Society Press.

Huibregtse, Mark; **Winchell, Adam**. Envelope curves and equidistant sets. Involve 9 (2016), no. 5, 839–856. doi:10.2140/involve.2016.9.839.