

ADAM WINCHELL

adamwinchell@colorado.edu

EXPERIENCE

Google

Software Engineer III, Gmail Advertising

Remote

Sept 2022 - Present

Amazon

Applied Scientist II, Amazon Advertising

Applied Scientist, Amazon Advertising

Software Engineer, Amazon Advertising

Remote

Mar 2022 - July 2022

Mar 2021 - Mar 2022

Mar 2020 - Mar 2021

Google

Software Engineer Intern, Google Payments

Boulder, CO

May 2019 - Aug 2019

University of Colorado Boulder

Research Assistant, Department of Computer Science

Undergraduate Instructor, Department of Computer Science

Boulder, CO

Aug 2017 - Dec 2019

May 2018 - Aug 2018

C2 Education

Tutor, Mathematics and Computer Science

Lafayette, CA

Feb - July 2017

Treehouse English

English Teacher

Tokyo, Japan

Aug - Dec 2016

Skidmore College

Tutor, Departments of Mathematics and Computer Science

Admissions Guide

Research Assistant, Department of Mathematics

Research Assistant, Department of Chemistry

Saratoga Springs, NY

Aug 2013 - May 2016

May - Aug 2015

May - Aug 2014

Nov 2012- Aug 2013

EDUCATION

University of Colorado

Master of Science in Computer Science

Dean's Fellowship

Boulder, CO

Aug 2017 - Dec 2019

Skidmore College

Bachelor of Arts in Mathematics and Computer Science

Dean's List, magna cum laude, Pi Mu Epsilon Society

Saratoga Springs, NY

Aug 2012 - May 2016

VOLUNTEERING

Discovery Partners Institute

Instructor and Mentor, Discover Computing

Chicago, IL

Jan 2023 - Present

SKILLS

Programming Languages: C++, 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.