

ADAM WINCHELL

EXPERIENCE

Google

Remote

Senior Software Engineer–Team Lead, Gmail Advertising
Software Engineer III, Gmail Advertising

April 2024 - Present
Sept 2022 - April 2024

Amazon

Remote

Applied Scientist II, Amazon Advertising
Applied Scientist, Amazon Advertising
Software Engineer, Amazon Advertising

Mar 2022 - July 2022
Mar 2021 - Mar 2022
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
Undergraduate Instructor, Department of Computer Science

Aug 2017 - Dec 2019
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
Admissions Guide
Research Assistant, Department of Mathematics
Research Assistant, Department of Chemistry

Aug 2013 - May 2016
May - Aug 2015
May - Aug 2014
Nov 2012- Aug 2013

Bancroft Hotel

Berkeley, CA

Hotel Receptionist and Caterer

Summer 2010

Caffè Strada

Berkeley, CA

Cashier

Summer 2009

EDUCATION

University of Colorado

Boulder, CO

Master of Science in Computer Science
Dean's Fellowship

Aug 2017 - Dec 2019

Skidmore College

Saratoga Springs, NY

Bachelor of Arts in Mathematics and Computer Science
Dean's List, magna cum laude, Pi Mu Epsilon Society

Aug 2012 - May 2016

VOLUNTEERING

Discovery Partners Institute

Chicago, IL

Instructor and Mentor, Discover Computing

Jan 2023 - May 2024

Bikeatoga

Saratoga Springs, NY

Volunteer

Sept 2013 - Dec 2013

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.