

Alex Walczak

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EDUCATION **University of California, Berkeley**
B.A., Computer Science, 2017

EXPERIENCE **Apple Inc., iOS Accessibility** Cupertino, CA
Software Engineer October 2018 - Present

Visit apple.com/accessibility to see how Apple provides a great experience for users with disabilities.

Adobe, Sensei Machine Learning San Francisco, CA
Software Engineer May 2017 - September 2018

Cloud computing for fast, large scale deep learning. Investigating and deploying new ML algorithms at Adobe.

Umbo CV Taipei, Taiwan
Software Engineering Intern Summer 2016

Developed a webcam app to do computationally efficient few-shot learning in real time.

UC Berkeley EECS, Berkeley Nat'l Lab Berkeley, CA
Research Programmer August 2014 - May 2017

Created a video segmentation algorithm for automating data collection and analysis of rotating *E. coli* video streams.

MACHINE LEARNING	✓✓✓		✓✓
	Tensorflow	Torch	Caffe

LANGUAGES & TOOLS	✓✓✓			✓✓
	Objective-C	Python	Cloud computing	Swift
	iOS	C	Docker	Java
	git	AWS	Terraform	

PUBLICATIONS T. Zajdel, **A. Walczak**, D. Sengupta, V. Tieu, & M. Maharbiz, "Towards A Biohybrid Sensing Platform Built on Impedance-based Bacterial Flagellar Motor Tachometry," *IEEE BioCAS Conference*, Turin, Italy. October 2017.

COURSES CS189: Machine Learning CS162: Operating Systems
CS170: Algorithms/Complexity EE123: Digital Signal Processing
EE222: Nonlinear Control Theory EE126: Statistics & Probability

RECOGNITIONS Berkeley CITRIS Invention Lab Fellowship 2016
Huang Scholarship 2015-2016
Santander Bank Scholarship 2014

HOBBIES &
OTHER Chinese language
Native Polish speaker
College Ski and Snowboard Club