

ANDREW SABISCH

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EXPERIENCE

Vassar A.I.

January 2020–Present

Co-Founder, CEO, & Engineer. At Vassar A.I., we help clients achieve their A.I., infrastructure, and systems goals. Internally, we are working on several research projects in the field of A.I. while externally, we are ready to take on more clients. Don't hesitate to reach out to me at jamoozy@vassar.ai and we'll see if we can help.

Silo Technologies

January 2019–January 2020

Full-stack software engineer. Lead development and design of a Go backend. Contributed to the React frontend. Tech: Go, Heroku, React, PostgreSQL

eBay

August 2015–January 2019

Engineer, Manager, Research Scientist. After Twice was acquired by eBay, I was called on to fulfill many diverse roles, including managing up to 7 direct reports across 2 projects and working in eBay's AI and infrastructure groups.

Twice

March–July 2015

Full-stack software engineer. Maintained, updated, and created websites and analytics tools using several open source frameworks and libraries, including Flask (Python), Hadoop (Java/Scala), and Backbone.js (JavaScript).

Multimodal Understanding Group at M.I.T.

2010–2014

Architect of a multimodal front-end to a code generation system. The front-end is capable of holding natural conversations about data structure manipulations, generating textual descriptions of the manipulations, and initiating code generation.

Google

Summer 2011

Software Engineering Intern for Results UI group. I aided a team of 20 software engineers to make changes to the Google results page during a major company-wide UI overhaul and visual unification.

Agile Robotics at M.I.T.

2008–2010

Lead UI researcher and engineer for a 6,000 lbs. autonomous forklift. Designed, implemented, and tested multiple language- and gesture-based mobile interfaces.

Social Code Group at U.C.I.

2006–2007

Worked in groups of up to 10 researchers on several projects focused on educating children via interactive museum installations. Developed systems involving up to 6 separate computers communicating wirelessly.

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA

2007–2014

DOCTOR OF SCIENCE (SC.D.—PH.D. EQUIV.) IN COMPUTER SCIENCE.....Sept. 2014
Built multimodal (speech & sketch) UI-component of a code generation system. See: <http://jamoozy.com/media.html>
MASTER OF SCIENCE (S.M.) IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE.....Sept. 2009
Lead UI researcher and engineer for a 6,000 lbs. autonomous forklift.

University of California at Irvine, Irvine, CA

2003–2007

BACHELOR OF SCIENCE (B.S.) IN INFORMATION AND COMPUTER SCIENCES June 2007
Created an Eclipse plug-in that facilitates development & deployment of multi-device software systems.

PROFESSIONAL SKILLS

Human Languages

English, German, Sign Exact English, basic French, Spanish, Japanese

Favored Programming Languages

Go, Python, Java, Ruby, C, C++, JavaScript, Bash

Tools & Software

Docker, Kubernetes, Prometheus, Terraform, Grafana, OpenStack, Vim, Eclipse, NetBeans, GCC, L^AT_EX, Make, Sed, Awk, Tmux (& screen), Git, Subversion, Perforce, Inkscape, Apache, nginx