THOMAS WALTHER

Successful entrepreneur in Artificial Intelligence.
thomas-walther.com ⋄ earthnail@gmail.com

WORK

Tape It   Since June 2020
Founder, CEO

· Building recording technology for professional songwriters.

Spotify, Stockholm   June 2019-June 2020
Staff ML Engineer

· Researched methods for AI music generation as part of Spotify's Soundtrap Hub.

Spotify, London   2017-May 2019
Oct 18 - May 19: Product Area Lead
Mar 18 - Sep 18: ML Chapter Lead
2017 - Feb 18: Staff Software Engineer

· Grew our R&D team post-acquisition from an initial team of six to over 35 people across four teams in London and New York. Successfully integrated my start-up's audio identification technology into Spotify's system within the first months, and subsequently focused on managing and growing other researchers and engineers in taking state-of-the-art research problems from idea to production.

· Greatly improved my teams' gender diversity by organising women-in-tech events, doing and encouraging public speaking, and improving our hiring processes to minimise unconscious bias. Created a strong team culture that attracted very senior AI talent, including two visiting/assistant professors from Oxford and Queen Mary University.

· Shipped products include: infringement detection, content tagging, cover song detection, modelling of people in the music industry.

Sonalytic, London   2016 - Spring 2017
Founder, CTO

· Founded a highly successful AI startup that was acquired within a year by Spotify. Led a team of researchers and engineers to invent and build a novel audio identification algorithm capable of identifying stems and samples in a reference catalogue of millions of songs at unprecedented query speed, precision and recall.

GeoTrackID, Berlin   Summer 2014 - 2015
Co-Founder of music tech company focused on rights tracking in clubs and festivals

Humtap, Bay Area / Munich   Summer 2013 - Summer 2014
Co-Founder of music tech company focused on algorithmic composition

EDUCATION

Stanford University   *Fall 2012 - Summer 2013*
Center for Computer Research in Music and Acoustics.   *GPA 4.03 / 4*
M.A/M.S.T. Music, Science and Technology. Fulbright Scholarship.
Technische Universität Munich   *Fall 2009 - Fall 2012*
B.Sc. Computer Science