

THOMAS WALTHER

Successful Entrepreneur in Artificial Intelligence and Music.

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WORK

Tape It, Stockholm

Since June 2020

Founder, CEO

- Bootstrapped a profitable business that simplifies songwriting and audio recording with an iOS recording app. Tape It is used by amateurs as well as countless famous musicians and Hollywood professionals. Our app uses AI to simplify organisation and greatly improve the recording quality.
- Researched and published work on training AIs for non-differentiable DSP systems to improve microphone quality.

Spotify, London and Stockholm

2017-June 2020

Staff ML Engineer, Product Area Lead

- 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 startup's audio identification technology into Spotify's system within the first months, and subsequently focused on managing and growing other researchers and engineers.
- Greatly improved my teams' gender diversity by organising women-in-tech events, doing and encouraging public speaking, and improving our hiring processes. Created a strong team culture to attract 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. Performed hands-on AI research on music generation.

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 extreme 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

SKILLS

Start-up founding, people management, team growth, tech strategy, DEI.

AI research, audio DSP, high-performance database systems, product-driven development.