Thijs Scheepers

Entrepreneurship

2017 – 2020 **Product and Technical Lead, Co-founder** Keeping
Dutch time-tracking SaaS. Set up by me as a side-business for Label305. Keeping has a responsive web app, native apps for Android, iPhone, and browser add-ons for Chrome, Firefox. The product is profitable and serves over 25.000 Dutch businesses. I led the team designing, engineering, and promoting Keeping. I wrote a significant chunk of the backend, the public API, and the iPhone app.

2010 – 2020 **Managing Partner, Software Engineer, Co-founder** Label305
A software agency specializing in helping businesses by crafting their next user-friendly software product. I co-founded Label305 in 2010 with three friends from the University of Twente without external funding. It has since grown to become a healthy, profitable business of 20 people with offices in Enschede and Amsterdam.

Together with one of my business partners, I was responsible for the general management of Label305. I set up business practices and an HR & hiring process. I was also extensively involved with creating our technical workflows, such as code review and continuous deployment. Aside from management, I worked on many of our projects as the lead iOS, backend, and DevOps engineer. I reviewed code regularly and mentored many of our engineers.

One of the projects I worked on in 2016 was Fairlingo, for which I built an auto-complete feature for assisting human translators using neural machine translation. I tested it with professional translators in usability testing sessions. Another project was our joint venture: Clickin, a social app that set out to reduce loneliness. We describe it as: Tinder, not for dating but for activities and gaining new friends. I led the team and wrote both the backend and iPhone app in 2015.

2006 – 2010 **Freelance Web Developer**
Built websites for acquaintances, small businesses, and part-time entrepreneurs.

Education

2020 Online courses: *Probabilistic Graphical Models*, *Mathematics for Machine Learning*, *Big Data Analysis with Scala and Spark*

2015 – 2017 **MSC Artificial Intelligence** University of Amsterdam
Graduated cum laude (Weighted average: 8.5/10, GPA: 3.95/4.00)
Focus on Natural Language Processing and Information Retrieval
Presented and published a full paper [1] at WWW '18, a top-tier computer science conference (AR: 15%). Cited multiple times. PhD position offered.
Thesis: *Improving the Compositionality of Word Embeddings* (Grade: 8.5/A+)
Project: *Interactive Neural Translation Assistance for Human Translators* (Grade: 9/A+)

2010 – 2014 **BSC Computer Science** University of Twente
Minored in Art & Media at the ArtEZ University of the Arts
Project: *HTML5 GUI library for Haskell programs* (Grade: 9/A+)
Paper: *Virtualization and Containerization of Application Infrastructure: A Comparison* (Grade: 9/A+ and cited dozens of times in the literature)
Best Paper Award at the 21st Twente Student Conference on IT

2003 – 2010 **VWO Science & Technology** Regius College Schagen
Final project: *Starry, celestial mechanics in your pocket* (Grade: 9/A+, 50.000 users)

Papers

[1] Scheepers, Kanoulas, Gavves. 2018. *"Improving Word Embedding Compositionality using Lexicographic Definitions."* The 27th Int. Conference on the World Wide Web, ACM.

Contact
+31(0)6 14 29 52 60
thijs@thijs.ai • https://thijs.ai
https://github.com/tscheepers

Looking for
A significant real-world problem to solve with software; A brilliant group of people who love learning from each other; An opportunity to apply artificial intelligence tangibly.

Skills
Natural language processing, Machine learning, Product management, Backend development, iOS app development, Full-stack development, DevOps, Technical leadership, Entrepreneurial leadership, Mentorship

Programming & markup languages
Python, Swift, PHP, SQL, HTML, CSS, *and some experience with* Objective-C, TypeScript, JavaScript

Technologies
TensorFlow, PyTorch, NLTK, NumPy, scikit-learn, UIKit, Linux, Laravel, MySQL, nginx, Redis *and some experience with* React, SwiftUI, Rx, Docker, AWS, Google Cloud Platform

Languages
Dutch and English

Interests and hobbies
Swimming, Running, Skiing, Sailing, Underwater hockey, Design, Concerts

Miscellaneous
Lives in Amsterdam NL
Has a driving license
Willing to relocate or work remotely