Joachim Daiber

Machine Learning Engineer

San Francisco Bay Area

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Employment

11/2024 — **Upwork (San Francisco, California)**
Principal ML Engineer

09/2021 – 11/2024 — **Objective, Inc. (acq. by Upwork in San Francisco, California)**
Co-Founder & CTO

Objective provides AI-native search for every website and application, delivered via a simple, scalable API platform. In November 2024, Upwork announced the acquisition of Objective, Inc. Selected news coverage: TechCrunch, MarketWatch.

01/2018 – 08/2021 — **Apple (via Lattice Data in Cupertino, California)**
Staff ML Engineer

Tech lead for query understanding for the Knowledge domain in Siri, Safari and Spotlight. I established datasets, metrics, rigorous experiment management, as well as machine learning and language expansion strategies, leading the successful expansion of the domain from one to 24 languages and establishing the domain as the best-performing information-seeking domain in Siri by share of correct answers, agility and infrastructure. Selected news coverage: USA Today, TechCrunch, Apple ML research.

Education

10/2017 — **PhD in Machine Translation and Natural Language Processing**
PhD thesis: Typologically Robust Statistical Machine Translation
ILLC, University of Amsterdam, The Netherlands.

09/2013 — **MSc and MA in Natural Language Processing**
Grade: *Summa cum laude*, Erasmus Mundus LCT double degree
Charles University in Prague (MSc) and University of Groningen (MA)

09/2011 — **BSc in Computer Science, English Philology**
Free University of Berlin, Germany

Awards and Scholarships

since 2017 — **O-1 Extraordinary Ability and EB-1 Outstanding Researcher**
2013 – 2015 — **Marie Skłodowska-Curie Fellowship**
2011 – 2013 — **Erasmus Mundus Scholarship**
2011 – 2012 — **Charles University Merit Scholarship**

Publications

See Google Scholar ⏷