

JACOB HEDÉN MALM

BACKGROUND

Software engineer with extensive professional background in building large distributed systems.

PRACTICAL EXPERIENCE

PERIOD	June 2022 — Current	
EMPLOYER	Spotify	Copenhagen
JOB TITLE	Backend Engineer II	
LANGUAGES	Java	
Working in an autonomous product team developing new features from the ground up. Primarily working as a backend engineer, but have also worked hands on with writing batch processing data pipelines. Key technologies: gRPC , GKE , dataflow , scio , Apache Beam .		
PERIOD	June 2020 — August 2021	
EMPLOYER	INVIDI Technologies AB	Stockholm
JOB TITLE	Backend Engineer	
LANGUAGES	Java	
Backend engineer at a medium sized advertising technology company. My role included developing and maintaining the microservices that made up the INVIDI software product. Due to the size of the company, I also got experience with Dev Ops and QA work. I came into contact with a wide range of technologies, such as GCP , maven , kubernetes , docker , sql , and datadog .		
PERIOD	July 2020 — Present	
COMPANY	Sensoris IT AB	Stockholm
JOB TITLE	Co-Founder	
I, along with a group of friends from my studies at KTH, developed Busybee, an occupancy management and analysis software product. We were admitted into the KTH Innovation pre-incubator program and were a part of batch 12. The start-up experience meant that we all had to wear a lot of different hats and solve many different problems creatively. Busybee is currently live on busybee.se		
PERIOD	March 2020 — June 2020	
COMPANY	IchigoIchie AB, Royal Institute of Technology	Stockholm
JOB TITLE	Bachelor Thesis Intern	
When wrapping up my bachelor's degree studies I executed a thesis project in conjunction with IchigoIchie AB, an audio-visual games producer. The aim of this project was to build machine learning tools capable of classifying sound snippets by their emotional tone. This was accomplished by representing the sound snippets as spectrograms and classifying these spectrograms with the help of a convolutional neural network.		

RAVNSBORGGADE 17A · COPENHAGEN · DENMARK

✉ JACOBHM98@GMAIL.COM ☎ +46704470270

EDUCATION

PERIOD	September 2021 — 2022		
DEGREE	Master of Science in Machine Learning		
UNIVERSITY	Royal Institute of Technology	Stockholm	
I have completed the coursework for a specialized degree in Machine Learning. My main interest areas are probabilistical methods and deep learning.			
PERIOD	September 2017 — June 2020		
DEGREE	Bachelor of Science in Computer Science		
UNIVERSITY	Royal Institute of Technology	Stockholm	
A broad degree in computer science, laying a solid foundation within the field. My main interest areas were studies of algorithms and their properties, and mathematics.			
PERIOD	January 2017 — June 2017		
FIELD OF STUDY	Sanda		
UNIVERSITY	Beijing Sports University	Beijing	
Studied chinese kickboxing (Sanda) in Mandarin. The purpose of this was twofold, immerse myself in an environment where Mandarin was the spoken language, and pursue a passion of mine, martial arts.			
PERIOD	September 2016 — December 2016		
FIELD OF STUDY	Mandarin		
UNIVERSITY	Beijing Language and Culture University	Beijing	
Studied an intensive language course in Mandarin. The purpose of this was to build upon the language skills I had acquired through ten years spent in Beijing throughout my childhood and adolescence.			

OTHER

Languages	Swedish (Native), English (Native), Mandarin (Fluent), Danish (Intermediate)
Portfolio	github = jacobhm98 , LinkedIn = Jacob Hedén Malm
Personal Interests	Martial Arts, Powerlifting, Literature, Chess

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