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## MIKAEL AHONEN

CV








CONTACT

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WORK

YEARS	DURATION	DESCRIPTION	LINKS
2022-		<b>SILO AI</b> SENIOR AI ENGINEER <ul style="list-style-type: none"> <li>- Developing a Python FastAPI to share fashion recommendations</li> <li>- Optimizing the recommendation queries in SQL Server</li> <li>- Data pipelines with Azure Data Factory and Azure Functions</li> <li>- Data pre-processing in Databricks</li> <li>- CI/CD pipelines in Azure DevOps</li> <li>- Contributing to sales proposals as a technical expert</li> </ul>	
2019-2021		<b>UNIKIE</b> DATA SCIENTIST & MACHINE LEARNING ENGINEER <ul style="list-style-type: none"> <li>- ML models to predict equipment failures with Python, Sklearn and Keras</li> <li>- Machine learning engineering and architecture using MlFlow</li> <li>- Pre-processing pipelines for tens of millions of sensor records with PySpark and Azure Databricks</li> <li>- Building customer reports with SQL, Power BI, Html and Plotly</li> <li>- Co-operation with the international data science team</li> <li>- Planning the end-user experience in our client web app</li> <li>- Working for only one client in the mining industry</li> </ul>	<a href="#">[BLOG EN]</a>
2017-2019		<b>SOLITA</b> DATA SCIENTIST & DATA ENGINEER <ul style="list-style-type: none"> <li>- Sales and recruitment activities</li> <li>- Data warehouse maintenance with Microsoft tech for public sector</li> <li>- Sensor analytics dashboard with Azure, Python and HTML</li> <li>- Crane uptime optimization for Hiab in a Hackathon</li> <li>- Implementing a data hub to AWS for an international food industry company</li> <li>- Interactive Javascript dashboard for health sector</li> <li>- Optimizing fuel consumption by weather data with R and Python in Azure</li> <li>- Predictive maintenance with Python for industrial customer in China</li> <li>- Text classification with Python to reduce manual work in a funding company</li> <li>- Data Engineering on AWS with PySpark, Terraform and Git for a Swedish vehicle company</li> </ul>	<a href="#">[BLOG EN]</a>
2014-		<b>VINKKI SOLUTIONS / YET ANOTHER DATA AGENCY OY</b> PART-TIME DATA CONSULTING AS AN ENTREPRENEUR <ul style="list-style-type: none"> <li>- Automated search robot on AWS</li> <li>- Internal web app for project management</li> <li>- Programming a web crawlers</li> <li>- Excel macros and dashboards, partly outsourced</li> <li>- Building websites and Google SEO</li> <li>- Pipedrive CRM consulting and account management as an official partner</li> <li>- Affiliate marketing</li> </ul>	<a href="#">[SITE FI]</a>
2013		<b>LELUT.FI</b> BUSINESS DEVELOPER <ul style="list-style-type: none"> <li>- Programming a cashier software for exhibition sales</li> <li>- Customer service for an online shop selling toys</li> </ul>	
2013		<b>KATSA OY</b> QUALITY CONTROLLER <ul style="list-style-type: none"> <li>- Measuring cogwheels in a factory and logging results to SAP</li> </ul>	
2012		<b>IKEA</b> LOGISTICS WORKER	
2011-2012		<b>VALTRA</b> SAP AND EXCEL USER	
2008-2012		<b>ENTREPRENEUR</b> SANTA CLAUS ACTOR	










## STUDIES

2015-2018		<b>TAMPERE UNIVERSITY OF TECHNOLOGY</b> MASTER OF SCIENCE, INDUSTRIAL ENGINEERING AND MANAGEMENT	[BLOG EN]
2014		<b>CITY UNIVERSITY OF HONG KONG</b> EXCHANGE STUDIES, DATA TECHNOLOGIES	[BLOG FI]
2011-2014		<b>TAMPERE UNIVERSITY OF TECHNOLOGY</b> BACHELOR OF SCIENCE, INDUSTRIAL ENGINEERING AND MANAGEMENT	
2007-2010		<b>UPPER SECONDARY HIGH SCHOOL, TIKKAKOSKI</b>	
2004-2007		<b>SECONDARY SCHOOL, TIKKAKOSKI</b> SCIENCE FOCUSED CLASS	

## POSITIONS OF TRUST

2018-		<b>TUT INDUSTRIAL ENGINEERING ALUMNAES</b> MEMBER OF BOARD, RESPONSIBLE OF THE ANNUAL MEETUP
2018-2019		<b>JÄLKIHIKI-HOCKEY</b> TREASURER
2014-2017		<b>TAMPERE ENTREPRENEURSHIP SOCIETY</b> CO-FOUNDER, CHAIRMAN OF BOARD, CONTRIBUTOR
2015		<b>YOUNG ENTREPRENEURS OF TAMPERE REGION</b> MEMBER OF BOARD
2013-2014		<b>TUT FINANCIAL CLUB MARKKA</b> CHAIRMAN OF BOARD, ALUMNAE RESPONSIBLE
2013		<b>TUT INDUSTRIAL ENGINEERING GUILD</b> TREASURER
2012-2013		<b>TUT INDUSTRIAL ENGINEERING GUILD</b> TUTOR
2012-2013		<b>HIKI-HOCKEY</b> TREASURER

## FREE TIME

2021-		<b>ATHLETICS TRAINING</b> JAVELIN, HIGH JUMP ETC. ORGANIZED BY TAMPEREEN PYRINTÖ.	
2019-		<b>JUNIOR CHAMBER INTERNATIONAL</b> BUSINESS RELATED PROJECTS AND TRAININGS	[SITE FI]
2018		<b>INVESTMENT DATA ANALYSIS</b> ANALYZING WORST TIME TO INVEST	[BLOG EN] [GITHUB EN]
2017		<b>RUNNING RPROJECT</b> RUN 3000M IN 12 MINUTES	[BLOG FI]
2017		<b>BEER PONG ANALYTICS</b> ANALYZING BEST STRATEGIES	[BLOG FI]
2016-2017		<b>AROUND THE WORLD PROJECT</b> AROUND THE WORLD WITH LESS THAN 10KE	[BLOG EN]
2016		<b>SUUNTAVIIVOJA DOCUMENTARY SERIES</b> HOW TO LIVE A GOOD LIFE	[SITE FI]
2012		<b>PRANK COMPETITION</b> WINNER OF TUT FRESHMEN PRANK COMPETITION	[VIDEO FI]
1996-		<b>ICE HOCKEY</b> MULTIPLE TEAMS	

## SKILLS

<b>DATA SKILLS</b>		<b>LANGUAGE SKILLS</b>	
EXPERT	PYTHON (Pandas, Numpy, Sklearn, Plotly, Fasttext, Flask, FastAPI, SQLAlchemy, PySpark), DATABRICKS, R, AWS, SQL, POWER BI, MACHINE LEARNING, EXCEL, VBA, HTML, CSS	NATIVE	[FINNISH]
		PROFESSIONAL	[ENGLISH]
		SATISFYING	[SWEDISH]
		BASICS	GERMAN
GOOD	JAVASCRIPT (React), AZURE, LINUX, STATISTICS, REGULAR EXPRESSIONS, TABLEAU, GIT, MLFLOW, KERAS	BEGINNER	RUSSIAN, SPANISH