

# THERESA THORALDSON

## Machine Learning Engineer

Minneapolis, Minnesota

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### SKILLS

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<b>Computer Languages</b>	Prolog, Haskell, AWK, Erlang, Scheme, ML
<b>Protocols &amp; APIs</b>	XML, JSON, SOAP, REST
<b>Databases</b>	MySQL, PostgreSQL, Microsoft SQL
<b>Tools</b>	SVN, Vim, Emacs

### EXPERIENCE

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#### Rhythm Systems

*Senior Software Engineer*

June 2022 - Present

*Remote / Charlotte, NC*

- Created OpenAI integrations
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- Nam tincidunt congue enim, ut porta lorem Microsoft SQL lacinia consectetur.

#### Serko

*Software Engineering Manager / Software Engineer*

January 2021 - September 2022

*Remote / Minneapolis, MN*

- Led a team of 3 engineers to refactor legacy applications to utilize .NET Core, Docker to enable full stack scalability
- Primary developer (wrote 95% of code) for receipt OCR, leading to 99x cost reduction.
- Led a swat team of 4 to reduce receipt upload/processing times by 50%.

#### Serko

*Lead Software Engineer*

May 2020 - January 2021

- Led an international team of 4 developers spanning 3 continents
- Created an automated CI/CD pipeline (using Azure Devops) to continuously deploy our receipt processing microservice
- Used AWS Lambda, SES and SQS to handle email receipts.

#### Serko

*Software Engineer*

December 2009 - October 2010

- Refactored main backend .NET application to use IoC, added unit testing and reduced database calls.
- Used tools like NewRelic and Sumo Logic to find bugs and performance improvements.
- Primary developer on the NetSuite integration that lead to Zeno's "Built for Netsuite" status.

#### Questar

*Technology Delivery Specialist*

May 2018 - December 2018

*Minneapolis, MN*

- Maintained scripts that would ETL content into the companies custom content management system.
- Sole developer on an internal Chrome Extension that helped decrease testing time for accessibility tools.

**Freelance***Software Engineer*

January 2008 - April 2010

*Minneapolis, MN*

- Worked with multiple clients on creating custom branded websites for their businesses.
- Obtained a solid understanding of clients' needs to determine requirements, timelines, and releases
- Used tech such as Wordpress, Bluehost, Bootstrap, JQuery, HTML, CSS, Google Drive, Google Docs, Google Spreadsheets, Google Forms, and Google Analytics to facilitate daily operations.

**Insight Global***Contract Software Engineer*

February 2017 - July 2017

*Minneapolis, MN*

- I worked on multiple projects for the same client.
- Worked in an agile environment, using JIRA and Confluence
- I mainly worked with XML, HTML and CSS and ensured all of the content within the Client's CMS was up to company standards.

**EDUCATION**

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**Graduate Certificate in Data Science** Colorado University Boulder

2024 - Present

**BSc in Computer Science** University of London

2020 - 2025

Specialization in Machine Learning

**Privacy Engineering Certificate** Carnegie Mellon University

2024

**Machine Learning Engineer Certificate** FourthBrain

2023

**Certificate in Full-Stack Software Engineering** Prime Digital Academy

2016