SARA LJUNG

SOFTWARE ENGINEER

📞 070 980 21 53

✉ ljung.sara98@gmail.com

in https://www.linkedin.com/in/sara-ljung-723691285/

🗔 www.saraljung.site

RELEVANT EXPERIENCES

DEVELOPER – INTERNSHIP, BOSTELLO, JÖNKÖPING
October 2025 – Ongoing

Internship on the Startup Bostello during the time I am applying for another job, to continue learning and developing my knowledge in Web development in real-world scenarios. The company operates in the real estate industy in Spain. My tasks mainly involve web development with Vue.js and TypeScript, but I will also be working with AWS in the near future to learn. The internship is planned to end once I secure another job.

SOFTWARE DEVELOPER, KNOWIT, JÖNKÖPING
August 2025 – September 2025

Role as Software developer at Knowit. I worked with a project for general VR education, where I've developed the LLM-communication to gain structured output and an algorithm for scores, coded in TypeScript. Unfortunetly, it was a short experience due to a shortage of work, please see the attached "Tjänstgöringsbetyg".

PERSONAL PROJECTS

MOBILE APPLICATION
Ongoing project for user-specific recipies based on research, coded in React Native with local LLM (Llama 3). Backend is programmed in JavaScript where an API is used for recipes that is adjusted after the user-needs with a LLM.

WEBSITE
Portfolio coded with React, TypeScript, Tailwind and nextJS. The website is still under development, but deployed. See link in the top of this CV.

SCHOOL PROJECTS

BACKEND
During my education, I've got familiar with backend development in several courses. Such as a project in collaboration with Husqvarna where we developed a lawn-"mower". I worked in both mobile- and backend to enable communication between robot and app, as well as image processing. I have learned working with databases and WebSockets.

TEST OCH TESTAUTOMATISERING
A course in DevOps where I implemented automated tests in a CI/CD pipeline. I further improved my skills in Docker, Selenium, Locust, and GitHub.

FRONTEND
I have developed both websites and several mobile applications during my education, both with and without frameworks. Including both server- and client side. Code structure and architecture was a high-priority in my work, as well as a seemless API integration.

COMPENTENCIES

Programming languages:
Python
C++
JavaScript
TypeScript
SQL
Swift
Kotlin
Dart
NodeJS, NextJS
CSS
React
React Native

Verktyg och ramverk:
WebSockets
Docker
Cloud + Local LLM's
REST Api
Git
Jira

Current learning:
AWS
Vue.js

Methods:
Scrum
DevOps, CI/CD
Testautomation

OTHER:

Languages:
Swedish, native
English, fluent

Other:
Drivers Licence B

REFERENCES

Provided upon request

WORK EXPERIENCE

SOFTWARE DEVELOPER, KNOWIT, JÖNKÖPING
August 2025 – September 2025

Role as Software developer at Knowit. I worked with a project for general VR education, where I've developed the LLM-communication to gain structured output and an algorithm for scores, coded in TypeScript. Unfortunetly, it was a short experience due to a shortage of work, please see the attached "Tjänstgöringsbetyg".

BACHELOR THESIS, KNOWIT, JÖNKÖPING
January 2025 – May 2025

Bachelor thesis on Knowit, though external from the company, where we explored how existing AI-models can be used to identify emotions through speech and text, compared with vocal extraction. I took on the majority of the programming which included comprehensive statistical analyses in Python.

INTERNSHIP, KNOWIT, JÖNKÖPING
April 2024 – May 2024

Internship at Knowit for 7 weeks, where I, together with other students, developed a walking robot controlled by a mobile application. I worked in the application team, where we created a control interface in Flutter. We worked according to Scrum.

SUPPORT ASSISTANT, SOCIALTJÄNSTEN, JÖNKÖPING
June 2024 – August 2025

Summer and extra work in healthcare, where I, in the role of a support assistant, worked at a residential facility for individuals with intellectual disabilities.

STUDY COACH, ALLAKANDO
August 2022 – November 2024

Study coach helping students in mathematics, primarily at the high school level. I work with the student individually for one to two semesters. This role has increased my ability to explain and simplify mathematics.

WAREHOUSE WORKER, IKEA CDC TORSVIK
August 2018 – May 2024

Order picker using forklifts at IKEA's warehouse. Previously a full-time permanent position; during my studies, I worked extra as needed.

EDUCATION

COMPUTER ENGINEERING – SOFTWARE DEVELOPMENT
JÖNKÖPINGS UNIVERSITY
August 2022 – May 2025

Bachelor focusing on programming for software development and mobile platforms. I have learned from several projects and courses and worked according to agile software development principles. I have gained valuable knowledge and completed the education with good grades.

COURSES

DATATEKNIK, AVANCERAD NIVÅ, DATAMINIG & DISTRIBUATED AI WITH MULTIAGENTSYSTEM
ÖREBRO UNIVERSITET
September 2025 – Ongoing

Ongoing courses in Data Mining to understand and prepare data for AI and deep learning, as well as a course in Distributed Artificial Intelligence and Multi-Agent Systems. Since I am currently seeking employment, I found it appropriate to take courses that I consider relevant during this time.

FOLKHÄLSA, ARTIFICIELL INTELLIGENS (AI) OCH BIG DATA
STOCKHOLMS UNIVERSITET
June 2023 – August 2023

Course in how AI can be used in the future in healthcare. I researched on how AI can be helpful for children with ADHD and autism.