Stefan Generalao

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Summary

As a Software Engineer and Information Architect, I'm passionate about crafting top-notch web applications using TypeScript, Node, React, and GraphQL. I have a degree in Information and Computer Science and have been in the field for a while now. I've even co-authored a research paper that was published at the IEEE International Conference on Systems, Man and Cybernetics.

In my previous role as Tech Lead at Sinch, I gained valuable experience leading software development projects and working with a variety of technologies. I have experience working with OKR's, a goal-setting framework that helps define measurable goals and track their outcomes. Throughout my career, I've shown that I can balance technical skills with an empathetic, diplomatic, and democratic leadership style.

Experience

Senior Software Engineer
Volvo Group
Dec 2022 - Present (10 months)

Founder
Generalao Tech
Nov 2022 - Present (11 months)

Technical Lead
Sinch
Apr 2021 - Sep 2022 (1 year 6 months)
Weekly and quarterly OKR planning, management reporting, assisting roadmap setting, technical interviews for recruitment

Software Engineer
Sinch
Dec 2020 - Apr 2021 (5 months)
React, TypeScript, GraphQL, Material UI, Node, Cypress

Software Developer
Avensia
Aug 2020 - Dec 2020 (5 months)
React, Redux, Context, TypeScript, C#.NET

Student Ambassador

HiQ

Oct 2018 - Apr 2020 (1 year 7 months)

Software Developer
HiQ

Jul 2018 - Apr 2020 (1 year 10 months)

React, Redux, TypeScript, C#.NET

Teaching Assistant
Malmö University

Feb 2019 - Jun 2019 (5 months)

Node, React, Git, HTML, CSS, Vanilla JavaScript, jQuery, Python

Student Mentor
Malmö University

Jan 2018 - May 2018 (5 months)

Software Developer Internship
Trialbee

Dec 2017 - Feb 2018 (3 months)

React, Redux, TypeScript, GraphQL, Node

Electronic Repair Technician
XTZ Group AB

Jul 2015 - Apr 2017 (1 year 10 months)

Education

Malmö University
Bachelor of Science - BS, Computer and Information Science

2017 - 2020

RMIT University
Exchange Studies, Statistics and Data Science

2019 - 2019

Halmstad University
Computer Science

2014 - 2015

Skills

React.js • Node.js • Team Leadership • Machine Learning • Data Mining • Financial Analysis

Honors & Awards

Mentor - FooCoding: Newcomers
Apr 2023
Mentor of junior software developers.

Co-author of The Role of Explanations in Human-Machine Learning - IEEE
Jan 2022
In this paper, we study explanations in a setting where human capabilities are in parity with Machine Learning (ML) capabilities. If an ML system is to be trusted in this situation, limitations in the trained ML model's abilities have to be exposed to the end-user. A majority of current approaches focus on the task of creating explanations for a proposed decision, but less attention is given to the equally important task of exposing limitations in the ML model's capabilities, limitations that in turn affect the validity of created explanations. Using a small-scale design experiment we compare human explanations with explanations created by an ML system. This paper explores and presents how the structure and terminology of scientific explanations can expose limitations in the ML models knowledge and be used as an approach for research and design in the area of explainable artificial intelligence.

https://ieeexplore.ieee.org/document/9658610