Salim Salmi

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Summary

Hello, my name is Salim Salmi, a computer scientist based in Amsterdam, who focuses on the fascinating fields of natural language processing and deep learning. My work centers around exploring the possibilities of AI to understand and work with human language. I am dedicated to continuous learning and contributing to the growing field of artificial intelligence, all while striving to make a positive impact through technology.

Work Experience

PhD Candidate at Centrum Wiskunde & Informatica Nov 2019 - Sep 2023

At CWI I worked on several natural language processing applications on suicide helpline chat data. I used shallow as well as deep learning methods to tackle this complex dataset for unsupervised and supervised tasks. I developed methods that provided insights to the helpline on a macro level, as well as real-time tools to assist the helpline in their day to day tasks.

Junior Researcher at 113 Zelfmoordpreventie Jun 2019 - Okt 2019

At 113 I worked on Researching and developing a support tool for their anonymous helpline using natural language processing. For this purpose I conducted focus groups, developed algorithms ,and evaluated prototypes.

Software developer at Vialis Sep 2015 - Feb 2016

At Vialis I worked with the vialis development team on a traffic management application. I assisted the team with implementing new features as well as resolving current issues. Furthermore, I developed an extendable end-to-end testing suite, including tests for several important use-cases within the environment.

Education

2016 - 2019 MSc Computer Science — Delft University of Technology
2010 - 2016 BSc Computer Science — Delft University of Technology

Publications

Salmi, Salim, Saskia Mérelle, Renske Gilissen, and Willem-Paul Brinkman (2021). "Content-based recommender support system for counselors in a suicide prevention chat helpline: Design and evaluation study". In: *Journal of medical internet research* 23.1, e21690.

Salmi, Salim, Saskia Mérelle, Renske Gilissen, Rob van der Mei, et al. (2022). "Detecting changes in help seeker conversations on a suicide prevention helpline during the COVID- 19 pandemic: in-depth analysis using encoder representations from transformers". In: *BMC public health* 22.1, p. 530.

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