

Sven Trebard

Senior Software and Analytics Engineer

LinkedIn: <https://www.linkedin.com/in/trebard/>

Mobile: +46 704 642400

Email: trebard@gmail.com

Homepage: <https://wiz.se>, with more project details



Introduction

I have more than twenty years of experience developing new financial risk analysis systems, using Smalltalk, C, Java, Javascript and Typescript and my own programming language, Edgescript®. I also have experience developing iOS applications.

My main professional focus is to connect data to users in a way that support and enhance existing work processes. I have developed a data visualization- and analysis product, Nodelab, based on the insight that speed, agility, business understanding and a dynamic base system is fundamental for developing useful and actionable applications.

I has been interested in machine learning since 1994, when I took my first class in the subject. I have a number of more recent certifications in the area.

I am primarily looking for a position where I can be a developer in an existing advanced business intelligence environment, like Tableau or Power BI.

Experience

Tietoevry

Senior software engineer

2015 - 2022

iOS, Javascript, Angular, Java.

2015 - 2019 • Customer Experience Management • iOS, Javascript & Angular consultant

2019 - 2022 • Tieto Compliance Cloud • Lead developer of Tieto Castle Framework and Tieto Sherlock compliance- and risk analysis product.

Demagic AB

CEO and founder

2003 - Present

Idea, design, graphics and implementation of

- Uninode® Suite (<https://www.uninode.org>)

- Edgescript®, a programming language for dynamic configuration (<https://edgescript.org>)
- Nodelab, a product for data analysis and visualization (<https://nodelab.com>)
- Studiolab - music composing (<https://www.demagic.com>)
- PainterTool - iOS painting and drawing support (<https://www.paintertool.eu>)

Art production (<https://www.trebard.com>)

Nada Studio - Music studio (<https://www.nada.se>)

Pan Capital

Risk Analysis Software Developer

2010 - 2012

Design and implementation of PositionPilot, a realtime riskanalysis Java server application. It is based on the PowerPilot application for energy analysis, developed and owned by Demagic.

Nada Risk Europe AB

CTO and Cofounder

2002 - 2010

Design and implementation of PowerPilot, the risk analysis application used from 2003 to 2010 by the risk group at Nord Pool, the nordic power exchange, for continuously analyzing scenario-based risk profiles for all its customers. This is my master thesis, with focus on this application:

<http://wiz.se/assets/pdf/SvenTrebardMastersThesis.pdf>

Racasse AB

Consultant

2007 - 2008

Design and "merge machine" implementation of Allt-om-alla, a massive database and web interface with private- and business information and relation mapping of every person and company in Sweden.

QiTech AB

Cofounder

2000 - 2002

Design and implementation of multilanguage support for Nordnet website.

Swedbank Markets

Developer, Quantitative Analysis Group

1995 - 2000

Design and implementation of all frontend and many backend parts of NetTrade, the first online stock-trading offering in Europe.

Design and implementation of Bali, a stock-, currency- and fixed income analysis Smalltalk application.

Education

Kungliga Tekniska Högskolan (KTH, Stockholm)

1987 - 1990 • Engineering Physics

1992 - 1995 • Computer Science

I4, Linköping

1985 - 1986 • Second Lieutenant, Army Recon, Swedish Army

Hopkins High School, Minneapolis

1984 - 1985 • High School

Adolf Fredrik School of Music

1976 - 1984

Certifications

Deep Learning Specialization, Coursera

2020 • <https://www.coursera.org/account/accomplishments/specialization/certificate/AR4ZW5H2959S>

Machine Learning, Coursera & Stanford

2020 • <https://www.coursera.org/account/accomplishments/certificate/TJ7JTHVLKAL6>