HANS OKSENDAHL

PORTFOLIO https://hox.io

EMAIL hansoksendahl@gmail.com

MOBILE +1 (505) 333-9060

ADDRESS 6510 208th St. SW Apt. E12
Lynnwood, WA 98036

SKILLS

AI BASED AUTOMATION
SOFTWARE ENGINEERING
  TypeScript (tRPC, fp-ts, io-ts)
  Javascript (React, SolidJS, Node)
  GraphQL
  Python
UI & DATA VISUALIZATION
INTERACTION DESIGN
USER RESEARCH

HOBBIES

- COOKING
- RECREATIONAL MATHEMATICS
- ACCELERATED LEARNING
- CLIMBING
- SYNTHESIZERS

VOLUNTEER EXPERIENCE

E-LEARNING, 03/2023-11/2023

Founded the non-profit SwiftMind Institute an e-learning platform focused on augmenting existing educational opportunities with personalized AGI agents.

WATER QUALITY STUDY, 03/2013

I traveled to Palawan Philippines to lead a water quality study at one of the world's largest nickel mines. The experience broadened my perspective on social justice and ecology.

RELEVANT WORK EXPERIENCE

FOUNDER / CEO   08/2023 - Present
Bean Software
- Created custom trained AGI agents to research business strategy
- Automated business functions such as investor outreach with AI
- Led strategy, product development, fundraising, and prototyping taking our initial product offering from concept to engineering stage
- Completed key pre-launch milestones including market research and iterations on product design

STAFF FRONTEND ENGINEER   03/2022 - 11/2022
One Finance
- Integrated AI-based automated visual regression testing into CI pipelines to ensure design changes did not introduce breaking changes
- Lead the development of a new web client built with React & Typescript
- Introduced refactors into CI pipelines cutting deployment times by 50%
- Acted as primary point of contact for the web organization
- Created a company wide design system based on Material UI

SENIOR FRONTEND ENGINEER   10/2020 - 11/2021
Opendoor
- Lead development of features from initial design to completion
- Created rich user experiences with React and GraphQL
- Collaborated with product managers and design in feature planning

SENIOR FRONTEND ENGINEER   06/2019 - 02/2020
OpenSpace
- Worked directly with the data science team visualizing the output of point computer vision models with Three.js
- Created a caching solution for streaming the output of computer vision models
- Contributed directly to a shared library of 3D visualization tools

SENIOR ENGINEER   06/2016 - 02/2019
Blue Owl
- Patented a front-end solution supporting AI based uplift modeling
- Created machine learning models to enrich mobile telematics data
- Lead development of UI and data visualization across products
- Mentored coworkers in ES6 development with React
- Developed Extract-Transform-Load (ETL) pipelines for remote sensor data
- Contributed to scoping of projects and architectural planning

SENIOR UX ENGINEER   01/2016 - 06/2016
Salesforce
- Prototyped the interaction model for the Salesforce IoT Cloud interface.
- Created functional prototypes for use in user experience research.
- Contributed to product design, user research, and development reusable components.