Anders Gustafsson

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EDUCATION

Master of Science, Industrial Design Engineering   sept 2013
Luleå University of Technology
Concentration: Man-Machine-Interaction
Master Thesis: Designed, programmed and implemented a graphical user interface into a car. Thesis later converted to article and published in Journal of Design Research.

DATA SCIENCE SKILLS

Languages: Matlab, Python, Tensorflow, Bash, AS3, HTML, CSS.
Neural Nets: Deep, Fully Connected, Convolutional, Recurrent, Autoencoders.

EXPERIENCE

Algorithmic trader   jul 2016 - present
Developing neural net models and training them to make trade decisions.
- Creating custom datasets.
- Integrating models in a live system. Generating new indicators every hour.

Lecturer   aug 2015 - jun 2016
Engineering Psychology, Human Work Science Division, LTU
- Lectured in Science of Cognition, Risk Perception & Risk Management.
- Developed concepts and prototypes for an interactive safety certification tool.

Research Engineer   aug 2013 - july 2015
Engineering Psychology, Human Work Science Division, LTU.
- Performed computer aided statistical analysis of data (with IBM SPSS).
- Used data on how operators work to develop 9 concepts based on new or underused IT in swedish industry.
- Developed a concept for an android app to be used at work by mining industry operators. The app was realized in cooperation with Sogeti and is used by Boliden operators since dec 2015.

Consultant in Perception & Ergonomic Design   jun 2013 - jul 2013
Delivered an operator console concept used by the software company Muchdifferent in their application for a contract with the Swedish Defence Materiel Administration and the Swedish Naval Warfare Centre. They won the contract.

EXTRA-CURRICULAR ACTIVITIES

Event manager and arranger of the nightclub event BEAT   2010 - 2013
Work included: Programming lightshows, PR, planning logistics, stage construction, DJ-ing. Event grew from small to over 1200 paying visitors.
Guide and contact person for a class of new university students   sept 2011
The assignment included two courses; leadership and effects of alcohol/drugs.

PUBLICATIONS

ICT usage and benefits in Swedish manufacturing and process companies.
Swedish Production Symposium, 2014.   peer-reviewed Conference paper
Design and evaluation of a personalizable interface in a vehicle context.
Journal of Design Research, 12(4):308-329, 2014.   peer-reviewed Journal article