

SEAN SOMOGYVARI



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Seansomogyvari.ca

SKILLS

Software:

- MATLAB
- Python
- C
- R
- LaTeX

Tools:

- TensorFlow
- Numpy
- Anaconda
- Pandas
- Scikit-Learn
- Jupyter Notebook

Soft Skills

- Problem Solving
- Time Management
- Interpersonal Communication
- Collaboration and Active Listener
- Strong Observational Skills

EDUCATION

Masters of Engineering, Electrical and Computer Engineering

Feb 2019

McMaster University, Hamilton ON

- Course experience in Machine Learning, Data Science, Computer Vision, Cognitive Dynamic Systems, Matrix Computations for Signal Processing, Electrified Vehicles, and Convex Optimization.

Bachelor of Engineering, Engineering Physics

May 2016

McMaster University, Hamilton ON

CERTIFICATIONS

Certificate in TensorFlow for Deep Learning in Python

Apr 2019

Udemy

- DNN, CNN, RNN, and Reinforcement Learning in Python using TensorFlow

PROJECTS

Convolutional Neural Network for Classifying Vehicle Make and Model

- Convolutional neural network in python using TensorFlow backend for classifying images of vehicles in the Stanford Cars Dataset.

EYESPY eye tracking robot

- Designed and assembled an autonomous eye-tracking robot using two Raspberry Pis and three TI microcontrollers.
- Lead control systems and communications developer in C.

Comparison of Supervised/Unsupervised Techniques for Modelling Differences of Galaxies, Quasars, and Stars

- In depth analysis of the Sloan Digital Sky Survey (2014) including a comparison of model-based clustering, mixture discriminant analysis and a cross validated neural network in R.

EXPERIENCE

Technical Sales & Project Coordinator

May 2017 – Dec 2017

M Con Pipes and Products, Ayr ON

- Communicated with contract engineers regarding projects
- Analyzed project drawings and provided accurate quotes
- Designed custom projects using Autodesk/MHpro and placed into production based on specifications

Valet Trainer

May 2016 – Aug 2017

Niagara Falls Valet, Niagara Falls ON

- Trained and managed 15+ Valet Staff to ensure that the daily processes ran smoothly
- Provided excellent customer service while leading by example