

Jayashri M

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Summary

Seeking opportunities.

My Portfolio can be viewed here: <http://mjayashri.github.io>

Experience

Associate Software Engineer - III

Strand Life Sciences

Oct 2021 - Present (1 year +)

Associate Software Engineer

Strand Life Sciences

Oct 2020 - Oct 2021 (1 year 1 month)

Software Developer

Web App development

Mar 2020 - Oct 2020 (8 months)

Contract

Internship

Siemens Healthineers

Sep 2018 - Apr 2019 (8 months)

Topic "Learning based Medical Image Registration"

State of the art Reinforcement learning (RL) algorithm called Proximal Policy Optimization(PPO) with Long Short Term Memory (LSTM) network used.

Successfully Implemented RL algorithm for Medical Image registration task.

Working Student

Siemens Healthineers

Jun 2018 - Sep 2018 (4 months)

- Validation of Deep learning algorithms.

- Focussed on Meta-learning Concepts.

- Potential of Sequential Models like LSTMs for implementing learning based optimizer were analyzed.



Student Assistant

Otto-von-Guericke University Magdeburg

Mar 2018 - May 2018 (3 months)

Implementation of CNN classification network for Medical X-ray Images



Wissenschaftliche Hilfskraft

Otto-von-Guericke University Magdeburg

Jun 2017 - Dec 2017 (7 months)

Topic "Correlational Structure of EEG signals under different task conditions" Preprocessing, Cleaning and Decomposition of EEG signal.

Power spectral Analysis using MATLAB.

Functional Correlation (FC) and Coherence Analysis.

Education



Otto-von-Guericke University Magdeburg

Medical Systems Engineering, Biomedical/Medical Engineering

2016 - 2020

(90 credits)



Anna University

Bachelor of Engineering (B.E.), Biomedical/Medical Engineering

2011 - 2015

Bachelors in Biomedical Engineering

Higher Secondary School - India

Higher secondary level, Mathematics and Biology

2009 - 2011

Licenses & Certifications



Deep learning - Udemy



Convolutional Neural Networks - Coursera

MT7EK7XP9GDD



Deep Learning Specialization - Coursera

WL2MSC4QMTDC



Sequence Models - Coursera

B9CRERD9TDQW

Skills

Deep Learning • MERN Stack • Computer Vision • Machine Learning • Start-ups • JavaScript • Python (Programming Language) • TypeScript • React.js