Chirath Nissanka

Date of Birth : September, 17, 1998
Civil Status : Single
Nationality Sri Lankan (982614040v)
Professional Portfolio : https://cnissanka.github.io

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Kandy
SRI LANKA
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EXPERIENCE

CareSystems Inc, Colombo, Srilanka — *Research Engineer*

Feb 2019 - PRESENT

Worked on a large legacy codebase to port legacy applications to a new platform. Experienced in refactoring large scale Java based systems, and experience in working with frontend technologies, core Javascript, core CSS, React and Redux with functional programming principles.

Worked on application automation by implementing Robotic Process Automation processes for automating user tasks inside a work-force management system.

Worked with Spring Boot (Microservices), React and Redux to develop cloud applications and a cross platform mobile application for work-force management and staff scheduling.

Exon Pvt Ltd, Colombo, Srilanka — Associate Software Engineer

JUNE 2018 - DEC 2018

Worked on cloud application development with an engineering team to develop enterprise applications using Enterprise Java Beans.

EDUCATION

Masters in Comp. Science , University of Peradeniya — *Masters*

AUG 2015 - DEC 2018

Postgraduate Institute of Science, coursework with research, which included artificial neural networks, computer architecture, software engineering, image processing, computer vision, parallel architecture and distributed systems design.

British Computer Society (BCS) —Professional Graduate Diploma in IT

2011 - 2014

Equivalent to a UK university Honors Degree. Focused on Programming Paradigms, Knowledge Based Systems, Project Management, Web

SKILLS

Problem Solving and algorithmic thinking

Passion for research in fields of machine learning, specifically **reinforcement learning**.

Gymnastic Athlete

AWARDS

Oracle Certified Java Programmer

IELTS English Examinations - Academic, Overall Band 7.5

Cambridge English Level 1 Certificate in ESOL International (Financial English)

LANGUAGES

English – Proficient
Sinhala – Proficient

REFERENCES

Mr. Lakpriya Weerasinghe – Deputy Center Manager ESOFT Metro Campus ((+94)773785526)

Technologies and Management Information Systems.

IGCSE Ordinary Levels —Gateway College, Kandy

2014

English – A, Maths – A, Computer Science – B, ICT – B

EEG Signal Classifier using Deep Neural Nets and Fisher's Discriminant Analysis — *2016*

Using Tensorflow and Keras, developed several machine learning models to classify EEG signals by combining feature extraction techniques (Deep Autoencoder Network, FDA) to be used in a Brain Computer Interface.

Please check my online portfolio for a detailed summary of the projects and experiences that I have accumulated over the years.

Portfolio: https://cnissanka.github.io/