

Sajeevan Vinayakavaseekaran

Computer Science and Engineering

EDUCATION

2016 - 2020
4 Year

UNIVERSITY OF MORATUWA

Computer Science and Engineering
Undergraduate BSc Eng (Hons)
SGPA 3.24

2006 - 2015
9 Year

JAFFNA HINDU COLLEGE

Secondary Education
G.C.E Advance Level 2015
-All 'A' Passes for Mathematics, Physics and Chemistry
-Island rank 133, District rank 12, Z-Score 2.4691
G.C.E Ordinary Level 2011
-Got 4A, 2B and 3C

2000 - 2005
5 Year

ST.JOHNS BOSCO VIDYALAYAM

Primary Education
Grade 5 Scholarship Examination 2005
-Passed by obtaining 156 Marks

AWARDS & CERTIFICATES

- >> Got Bronze Award for Young Computer Scientist Competition in National Level ICT Championship 2011
- >> Got 1st Place for Young Computer Scientist Competition in Northern Province ICT Championship 2011

PROJECTS

Moway - Virtual self-driving car using reinforcement learning (2019 - On Going)

Moway is a virtual self-driving car using reinforcement learning to mimic the behavior when it is running with a set of other self-driving cars or rule-based cars. This can be used in observing the impact that the self-driving car can have on damping the traffic bottlenecks caused by rule-based cars.

Jupiter - Human Resource Management System (2018)

The project involves designing a complete database management system of Human Resource. We increase database performance by using normalization. It is interesting to do security and access protocols at the database level.

Hospital Management System (2017)

This is a web-based hospital management system connecting doctors, patient, staff, and administration of Hospital.

Nano Processor Design (2017)

This 4-bit Nano processor, which can execute 4 instructions. It can add and subtract integers. It includes 4 bit add/subtract unit, 3-bit adder, 3-bit program counter, register bank, program ROM multiplexers, and an instruction decoder. The output can be visualized in a 7-segment.



Sajeevan Vinayakavaseekaran

Computer Science and Engineering

Passionate learner, intensive ponder and hard worker. I love to have hands-on experience in whatever I learn. Very good at algorithms and designing. Creative ability and wider thinking always being positive in my carrier. Always love to learn new things and produce good results out of that knowledge as I believe in outcome based learning. Preferring internship that will quench my hunger for learning.

CONTACT DETAILS

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Kokuvil west, kokuvil, Jaffna.
Sri Lanka.

Telephone number:

0769699755

Linked in:

www.linkedin.com/in/sajeevan-vinayakavaseekaran-713a4913b

GitHub:

github.com/sajeevan16

PROJECTS (Cont.)

Treasure Loot Game (2017)

This project is the concept of Object-oriented Programming.

Step climbing Robot (2017)

A Step climbing robot was developed for the module CS1962 Engineering Skill Development. This was done using the Arduino development board.

Algorithm aspects of Rubik's Cube 3D Game (2011)

A windows 3D Application used for playing Rubik's cube and created the method to solve the Rubik's cube.

EXTRA CURRICULAR ACTIVITIES

- >> Secretary in Science Union at Jaffna Hindu College in 2013
- >> Interest to play Badminton, Basketball, Chess, Carrom, and eSports
- >> Member in Gaval Club, Tamil Literary Association - University of Moratuwa

VOLUNTARY EXPERIENCE

- I have developed a complete web page management system for communication regarding an A/L pilot examination organised island wide. The database for that complete examination which consisted data of more than 5500 students were maintained by myself.
This is the link of that web page
www.moraetamils.com and admin.moraetamils.com
- I have assisted for a final year project which was regarding Designing and development of a tag set and maintaining annotated data from government documents and have also supported in activities regarding investing and analysing the usage of deep learning and distributed semantics for a program called recognizer for tamil language.

REFEREES

Dr. Uthayasanker Thayasivam (Senior Lecturer)
Department of Computer Science and Engineering,
University of Moratuwa, Sri Lanka.
Email: rtuthaya@cse.mrt.ac.lk
mobile: +94 763946578

Mr. Sathasivam Nimalan (Sci Spl Tnd, BA, MA, Dip in Edu., SLPS I)
Principal of Jaffna Hindu College,
Jaffna, Sri Lanka.
mobile: +94 212 222 43

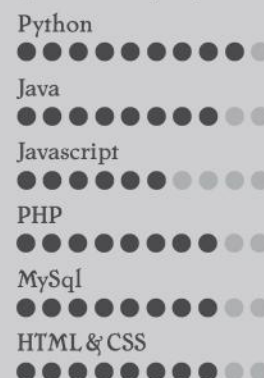


**Sajeewan
Vinayakavaseekaran**

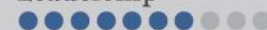
Computer Science and Engineering

PROFESSIONAL SKILLS

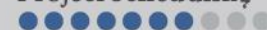
Computer Languages



Leadership



Project Scheduling



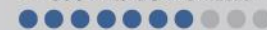
Graphic Design Skills



Communication Skills



Presentation Skills



LANGUAGES

Tamil



English



Sinhala

