DULAN DIAS

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Soft Skills

Leadership

Public Speaking

Teamwork

Research

Find Me

Facebook
facebook.com/DulanDiasTheProfile

Twitter
twitter.com/dias_dulan

Linkedin
linkedin.com/in/dulandias/

GitHub
github.com/DulanDias

Career Summary

I am a goal-oriented individual with the ability to cope up with any responsibility and duty given to me. I have the capability of interacting with various types of people and working together as a team with having a good team spirit. I received my education at Lyceum International School where I completed my National G.C.E. Ordinary Level and Advanced Level Examinations. Also, I have taken part in charity events and other activities organised by my school interactively.

I completed my Certificate in PC Hardware Engineering soon after my Ordinary Level Examination and my Diploma in Information Technology soon after my Advanced Level Examination, from ESOFT Metro Campus.

At present, I am an undergraduate following Bachelor of Science in Computer Science (Special) Degree at University of Sri Jayewardenepura, Sri Lanka, as well as, Bachelor of Information Technology (External) Degree at University of Colombo School of Computing, Sri Lanka.

Further, on completing my Bachelors I intend to continue higher education leading to a Ph.D. in relation to fields like Deep Learning and Artificial Intelligence.

Work Experience

Instructor   Aug 2014 - Jan 2015
Lyceum International School, Wattala.

Conducted volunteer lectures on programming and other technologies to students of the IT Society during after school time slots.

Academic Qualifications

Bachelor of Science in Computer Science (Special)   2014 - 2018
University of Sri Jayewardenepura

Followed Mathematics, Physics and Computer Science Course Modules in the first two years, and specialized in Computer Science in the final two years.
CGPA - 3.56
GPA (Computer Science) - 3.83

Bachelor of Information Technology (External)   2014 - 2017
University of Colombo School of Computing

Higher National Diploma in Information Technology   2015
University of Colombo School of Computing

Diploma in Information Technology   2014
University of Colombo School of Computing

Diploma in Information Technology - International   2014
ESOFT Metro Campus, edexcel assuared

Certificate in PC Hardware Engineering   2011
ESOFT Metro Campus

Technical Knowledge and Skills

Languages
Java | C# .NET | C++ | Objective-C | VB .NET | Swift | HTML | CSS | JavaScrpt | PHP | XML | XAML | SQL | JSON | AJAX | JQuery

Tools and Technologies
NetBeans | Visual Studio | Xcode | Android Studio | Arduino | mySQL | Microsoft SQL Server | Angular.js | Node.js | WordPress | OpenGL | OpenCV

Concepts
Object Oriented Analysis and Design | Software Quality Assurance | Data Structures and Algorithms | Design Patterns | Machine Learning

Designing and Creative Tools
Adobe Photoshop | Adobe Illustrator | Adobe AfterEffects | Adobe Priemer | Fusion 360 | AutoDesk Inventer

Personal Information

Full Name
- Dulan Samuditha Dias

Age
- 22 years

Date of Birth
- 24/05/1995

Gender
- Male

Marital Status
- Single

Nationality
- Sri Lankan

NIC No.
- 951453714V

Schools Attended
- St. Joesphs' College, Enderamulla
- Lyceum International School, Wattala.

Hobbies and Interests

Blogger

Photographer

Graphic Designer

Professional Memberships

Senior Member
Institute of Electrical and Electronics Engineers (IEEE)

Research Publications

Dias D.S., Dias N.G.J., "A Simple Machine Learning Algorithm for Identifying Promotional Short Message Service (SMS) Messages", Kelaniya International Conference on Advances in Computing and Technology, August 2017.

Projects

Music Synchronized Dancing Robot Pair   Present
Developing a pair of robots that can rhythmically move around synchronously to music, additionally making rhythmic changes in light.
Languages and Tools Used: Arduino, Audio Spectrum Analysis, C# .NET, C++

SMOLLEY: your partner in shopping   Present
Developing a smart shopping cart that will help you get things done within a supermarket with ease.
Languages and Tools Used: Arduino, Java, C++, Android Studio

Offers and Deals   Present
Developing an android application that identifies incoming SMS messages and filters the promotional SMS messages, and additionally, display Offers and Deals around you based on your SMS messages as well as from the remote server.
Languages and Tools Used: Android Studio, Java, MongoDB, Node.js

Online Team Collaboration Platform   Present
Currently engaged in the development of an Online Team Collaboration Platform as the Third Year Final Project for the B. IT Degree.
Languages and Tools Used: HTML, CSS, JavaScript, PHP, MySQL

Photography Sri Lanka   Aug 2017
Designed the Systems Architecture for the android application 'Photography Sri Lanka' that was developed for a client. Handled the Requirement Analysis and the System Design phases.
Languages and Tools Used: Android Studio, Java, JSON, XAML

Website for Sisi Arundathee   Aug 2017
Developed a website for the event Sisi Arundathee incorparating a modern and responsive design.
Languages and Tools Used: HTML, CSS, JavaScript, PHP
URL: http://www.sisiarundathee.com/

Kuppi.LK | e-learning platform   Jul 2017
Designed the Systems Architecture for the e-learning platform and designed the UI/UX experience.
Languages and Tools Used: HTML, CSS, JavaScript, PHP
URL: http://www.kuppi.lk

DirLocker Lite   May 2017
Developed an easy-to-use standalone application designed to secure access to your personal folders by providing secure encryption and decryption options.
Languages and Tools Used: C# .NET, XAML, Visual Studio 2015
URL: http://www.softpedia.com/get/Security/Lockdown/DTek-Folder-Lock.shtml

Smart Delivery   May 2017
Developed a mobile application for iOS devices that allows you to set pickup and delivery destinations, and which shows you the calculated cost for the delivery.
Languages and Tools Used: Objective-C, Xcode, Google Maps API
URL: https://github.com/DulanDias/SmartDelivery

Website for EchonLabs Sri Lanka   Apr 2017
Developed a front-end website for EchonLabs incorparating features such as contact form, testimonial form, and quotation request form.
Languages and Tools Used: HTML, CSS, JavaScript, PHP
URL: https://www.echonlabs.com/

Website for Dan's Cleaning and Property Maintenance   Mar 2017
Developed a WordPress website for a client in Melbourne, Australia for his cleaning company named Dan's Cleaning and Property Maintenace.
Languages and Tools Used: WordPress, PHP, MySQL
URL: http://danscleaning.com.au/

Cloud-based Real-Time Traffic Mapping Platform   Nov 2016
Developed a prototype for a web-based platform that maps incoming traffic data in to a real-time map.
Languages and Tools Used: Arduino, MySQL, C# .NET

Library Management System   Oct 2015
Developed a stand-alone Library Management System to manage activities at a library.
Languages and Tools Used: Java, NetBeans, MySQL

DTek Directory Lock
Nov 2014

Developed an easy-to-use standalone application designed to secure access to your personal folders by assigning them passwords required every time the file needs to be opened.
Languages and Tools Used: C# .NET, Visual Studio 2012
URL: http://www.softpedia.com/get/Security/Lockdown/DTek-Folder-Lock.shtml

PixLane Express
Aug 2014

Developed an application that enables you to rotate, crop and resize your images, as well as apply a wide range of filters, effects and textures on them.
Languages and Tools Used: C# .NET, Visual Studio 2012
URL: http://www.softpedia.com/get/Multimedia/Graphic/Digital-Pho-to-Tools/PixLane-Express.shtml

Extra-Curricular Activities

Sisi Arundathee - Scientists on Stage
2017
Head of the General Sponsorship Team - Financial Division
Raised funds and services worth 1.3 mil from various companies and organizations including Rupavahini as the Media Partner.

Society of Computer Science, University of Sri Jayewardenepura
2015 - 2017
Senior Member (Present)
Organized "Aurora - Conference on Computer Science 2017" as a senior member of the Organizing Committee

Vice President (Feb 2016 - Mar 2017)
Organized the inaugural innovation-based competition, "J'pura Innovator 2016" as a Co-Chief Organizer

Organized "Aurora - Conference on Computer Science 2016" as a senior member of the Organizing Committee

Organized the annual inter-faculty cyber gaming competition, "J'pura Cyber Gamefest 2016"

Organized a variety of workshops and guest lectures on trending topics in the Computer Science field

Committee Member (Feb 2015 - Feb 2016)
Founded and Organized the inaugural "Aurora - Conference on Computer Science 2015" as the Chief-Organizer

Soccer
2012
Member of the Runners-up Team at the Inter-House Soccer Championship, Lyceum International School, Wattala.

Debating
2008 - 2013
Member of Champion Team at Inter-House Sinhala Debating Tournament 2012/2013, Lyceum International School, Wattala.

Member of Champion Team at Inter-House Sinhala Debating Tournament 2011/2012, Lyceum International School, Wattala.

Member of Runners-up Team at Debating Championship (Junior) 2008/2009, Lyceum International School, Wattala.

Chess
2008 - 2010
Member of Runners-up Team at Inter-House Chess Tournament, Lyceum International School, Wattala.

IT Society, Lyceum International School, Wattala
2009 - 2012
President (2011 - 2012)
Organized the inaugural Inter-House IT Competition 2012 as the Chief Organizer

Vice President (2010 - 2011)
Organized a Guiness World Record Attempt for the Largest Human Picture Mosaic in parallel to the schools' 10th Anniversary.

Student Coordinator (2008 - 2010)
Founded the IT Society at Lyceum International School, Wattala.

Students' Magazine - "Perfect"
2006 - 2008
Co-founder and Editor of the Students' Magazine titled "Perfect" at Lyceum International School, Wattala, for the first three issues of the magazine

Karate
2006 - 2007
Promoted to 8th Kyu - Yellow Belt, Itsosu-Ryu Karatedo
Promoted to 7th Kyu - Orange Belt, Itosu-Ryu Karatedo

Awards and Achievements

Finalist (fourth-place) at "BizzMind 2017", the Inter-University Business Plan **Competition,** organized by the Faculty of Commerce and Management, University of Kelaniya, July 2017.

Runners-up Award for Best Innovator at "J'pura Employability Skills Awards 2016", organized by the Career Guidance Unit of University of Sri Jayewardenepura, September 2016.

Team Lead of the Team that was placed in the Top Five (05) of the "Guru Open e-Learning Competition", organized by Department of Industrial Management, University of Kelaniya along with Headstart (Pvt) Ltd., October 2016.

Team Lead of the 2nd-Runners-up Team at "iHack 2.0", the 24 hour inter university **software development competition,** organized by the UCSC ISACA Student Group, University of Colombo School of Computing, October 2016.

Team Lead of the Team that was placed in the Top Twenty (20) of the "Janashakthi Appathon Challenge", organized by Janashakthi Insurance PLC, September 2016.

Team Lead of the 2nd-Runners-up Team at "HackX 2K16", the Inter-University **Hackathon,** organized by the Industrial Management Science Students' Association, University of Kelaniya, September 2016.

Member of the Runners-up Team at "J'pura Cyber Gamefest 2016", the Annual **Intra-University Cyber Gaming Tournament,** organized by the Society of Computer Science, University of Sri Jayewardenepura, September 2016.

Team Lead of the Champion Team at "J'pura Innovator 2016", organized by the Society of Computer Science, University of Sri Jayewardenepura, September 2016.

Captain of the Runners-up Team at "PULZ '12", The National ICT Event, organized by the ICT Society of Ananda College along with ICTA, October 2012.

Captain of the Champion Team at the "Silicon Revolution", The ICT Day Event, organized by Lyceum International School, Nugegoda, 2013.

Non-Related Refrees

Prof. Sudantha Liyanage

Professor in Chemistry, Department of Chemistry, University of Sri Jayewardenepura, Nugegoda, Sri Lanka.

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Email: suda@sjp.ac.lk

Dr. Ravindra De Silva

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Declaration

I hereby confirm that the information furnished above are true accurate to the best of my knowledge.

Dulan

Date   Signature