

Prasanna Deshappriya

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Summary

Energetic and passionate programmer with the ability to work effectively as part of the team while adapting to the cutting-edge technologies. Being a committed individual, I enjoy challenges and working under pressure to meet deadline constraints.

Education

2014 - Present **B.Sc.Eng.(Hons) in Integrated Computer & Engineering**, University of Moratuwa, Sri Lanka.

2000 - 2013 **St. Sebastian's College** – Kandana
GCE Advance Level Examination / 2013 / Physical Science stream
Physics - A / Combined Mathematics - A / Chemistry-A / Z – Score – 2.0810

Work Experience

Sep 2015 - **Freelance Developer | Fiverr**

Present Fiverr is an online marketplace for freelance services. I have worked with many clients around the world while maintaining 100% customer satisfaction. I develop web and desktop applications while providing integrations and remote services.

June 2017 – **Software Engineering Intern | Eyepax IT Consulting (Pvt) Ltd.**

Dec 2017 Completed internship training program offered by Training Division and Department of Computer Science and Engineering. I worked with the development team and contributed to several research projects in an agile environment.

Projects

Jan 2018 - **Automated Fabric Defect Detection System**

Present Fabric defects detection is a significant phase of quality control in the textile industry. Automating this process is challenging due to a large number of fabric types and defect types. The aim of the project is to develop a system to detect and classify defects in uniform textured fabrics using image processing techniques and a convolutional neural network.

Sept 2017 – **Chat Bot**

Dec 2017 This project was developed as an internship project. The aim of the project was to reduce the time spent on the new employees to go through company policies and related information. Employees can chat with this bot and find solutions to their problems. New employees can get some understanding of company policies, culture, dress code, and extra activities by chatting with the bot.

Jan 2017 – **Smart Device Controller**

May 2017 The aim of the project was to operate devices using hand gestures. It was an embedded system which could be connected to mobile phones, desktops, and tablets with Bluetooth or WiFi. The system can recognize hand gestures and can be used to perform basic functionalities of such devices.

Mar 2016 – **Moodle Mobile App**

May 2016 This app provides Moodle services such as submission dates, calendar, course details, etc. students can also track their attendance with this app. Furthermore, they can store their module grades so that they can keep track of their semester and overall GPA.

Jan 2016 – **Smart Tailor**

April 2016 The aim of the project was to construct a complete 3D point cloud of a human and take his/her measurements. The system captures frames from multiple Kinect cameras and constructs complete 3D point cloud by a registration process. Since Microsoft does not allow us to connect multiple Kinects to the same computer, we had to build a custom driver for our requirements. This project was a group project in semester 3.

Skills

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|---------------------|--|
| Languages | PHP, Javascript, C#, C++, Python, HTML, CSS, JAVA |
| Frameworks | NodeJS, Laravel, ProtractorJS, TensorFlow |
| Databases | MySQL, MongoDB, SQLite |
| IDEs | Jetbrains Development Tools, Visual Studio, Android Studio |
| Version Controlling | Github, Bitbucket |
| Non-Technical | Creativity, Leadership, Team Work |
| Platforms | Windows, Ubuntu |

Awards and Achievements

DengAI: Predicting Disease Spread | Hosted by Drivendata

A competition to predict local epidemics of dengue fever using machine learning and data mining algorithms

Global rank: 75

IEEEExtream 10.0 | 24-Hour Global Programming Competition

Global rank: 353, Country rank: 43

MoraXtreme 1.0

Coding competition organized by the IEEE Student Chapter of University of Moratuwa
Rank: 12

Pulz 2010

3rd place in Software Development Competition organized by Ananda collage

Extra-Curricular Activities

Member of futsal team – Eyepax IT Consulting (Pvt) Ltd.
Student Member of IESL
Student Member of IEEE
School prefect in year 2009, 2010
Member of school football team

Publications

Sept 2018 **Automated Fabric Defect Detection**
International Conference on Advances in ICT for Emerging Regions

Referees

Dr. Sulochana Sooriyaarachchi
Senior Lecturer,
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Moratuwa, Sri Lanka.
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I do hereby certify that the above particulars are true and accurate to the best of my knowledge.

Yours truly,

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(G.P.P.D. Bandara)

Date: