



SHEHAN VANDERPUTT

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PORTFOLIO BLOG: <https://shehanv.azurewebsites.net/>

BLOGS: <https://techstanis.wordpress.com> |
<https://itecTricks.blogspot.com>

GITHUB: <https://github.com/stanislous>

HACKERRANK: <https://hackerrank.com/iRoboTs>

STACK-OVERFLOW: <https://stackoverflow/users/6484447/cosmics>

EDUCATION

The University of Peradeniya, Sri Lanka.

Bachelor of Science in Computer Engineering – 2018

PREVIOUS OCCUPATION [2019-2020]

✓ Project ARES

Documentation contracts handling project. A user can select any predefined document template and create with his data. I implemented the backend.

Technologies: ASP.NET Core 3.1, MSSQL Server, Vue, Git Workflow

✓ TSP Project Listing [Currently working on]

To handle ongoing projects in the company. The clients can upload their presentations, videos and all the details of the project. So, there would not be any mess. Developers can also view clients' updates.

Technologies: ASP.NET Core 3.1, MSSQL Server, Html, CSS, jQuery, Git

UNIVERSITY PROJECTS

✓ Final Year Project – Portable Executable Scanner [Group Project]

DLL Scanner's job basically is to read a DLL/EXE file and extract information inside that compiled code. Version 1 of the tool is published in source forge. Official website is hosted in Azure.

Technologies: C#, Bootstrap 4, Microsoft Azure

✓ Wearable Device that Remotely Controls a Robot Arm [Group Project]

Controlling the robot arm remotely over Wi-Fi. The device uses the location of the human hand to move the hand of the robot arm but not imitate the shape of the hand.

Technologies: Arduino programming in C, JavaScripts, Nodejs

✓ GPU based Parallel Audio Processing System [Group Project]

Real-time equalization GPU extended this technique to parallel signal equalization.

Technologies: C, CUDA C, MATLAB

✓ Contributing to the Open Source Project

TEAMMATES is a free online tool for managing peer evaluations and other feedback paths of students. It is provided as a cloud-based service for students. I contributed to this open project.

Technologies: HTML, Bootstrap, JavaScript

COMPETITIONS

✓ SAITM Robotics Challenge - 2016

An autonomous line following robot that can collect rings and stack them on a pole within the shortest possible time in a grid-based arena.

Technologies: Arduino programming in C

✓ ACES Hackathon – 2016

Android app and a message hub, that connect to the PC via Wi-Fi and reply to messages from your PC without seeing the phone.

Technologies: HTML, CSS, JavaScript, Android

✓ SLIIT Robo Fest Challenge - 2016

An autonomous robot that has the capability of finding the finish line in a mesh.

Technologies: Arduino programming in C

✓ IEEE Xtreme Coding Competition – 2016

24-hours coding competition to solve programming problems.

✓ HackX Hackathon – 2017

A conceptual idea of sharing stories builds collaboratively by several people using drawing.

Technologies: Android

✓ Online coding competition in Hackerrank

Practicing competitions for 'Week of Code', 'Hour Rank', '101 Hack', 'Ad infinitum' etc.

Technologies: C, Java, Python, C++, C#

✓ ACES Hackathon – 2018

A system to control devices remotely when the user is out of the home.

Technologies: ASP.NET (C#), Entity Framework

CO-CURRICULAR ACTIVITIES

✓ Fiverr

Implement software applications and web applications for clients.

Technologies: .NET Framework, HTML, CSS, C

✓ Teaching Basic programming

Teach basic C programming for students.

Technologies: C Programming

✓ Contributing the Stack Overflow

Contributing the Stack Overflow is also do it as a habit. According to my knowledge help others by answering the questions.

INDUSTRIAL TRAINING

✓ Induction Training Program

The self-defined project called 'NFC Peer-to-Peer Communication'.

Technologies: Android, NFC, Android Beam

✓ Event Management System Project

Event Management System is Platform for organizing and managing events in Tiqri Pvt. Ltd. It is a newer project defined for interns and followed the agile scrum process.

Technologies (Skill Sets): C#, ASP.NET Core 2.0, .NET Core 2.0 WEB API, Entity Framework Core 2.0, Angular 5, Bootstrap 4, Git workflow, Balsamiq Mockups

Project Management (Agile): Jira, Confluence

Technologies: Android, NFC, Android Beam

REFERENCES

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