Bhanuka Siriwardana

Get in Touch

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About Me

Born - 27/05/1995
Age - 23
Nationality - Sri Lankan

PERSONAL STATEMENT

I'm a 3rd year undergraduate majoring in Computer Science and Engineering, with strong leadership, management, and inter-personal skills. I have been part of a hackathon team that has placed finalists at multiple competitions. My key strengths include analytical thinking and adaptability. I am interested in attaining personal advancement by working in an environment where I can extend the limits of my comfort zone to become an innovative and competent software engineer.

Education

- 3rd year Undergraduate, Department of Computer Science & Engineering
  University of Moratuwa (Current GPA : 3.32)
- G.C.E Advanced Level (2014) - Royal College, Colombo
  Physics B | Chemistry A | Combined Mathematics A
- G.C.E. Ordinary Level (2009) - Royal College, Colombo with 9 As
  De Abrew Memorial Scholarship Winner for best results (among top 3 in school)

Technical Projects & Experience

1) Back end development for a website (February 2018)
Part of a 4 member team. Worked on developing a back-end for a given front-end and set of specifications within 15 hours. Used Python based Flask framework for running the back-end. Database management was through SQLite3 integrated to Python through SQLAlchemy library. Emerged 2nd runners-up in the competition.
Technologies: Python, Flask, SQLite3

2) Baby Care (September 2017/2018)
Worked in a 5 member team. Designed a web based machine learning system to support working mothers to take care of the babies when they are away from home. Contributed by providing the initial design concept and designing the web application for the system.
Technologies: HTML5, CSS, JavaScript, Firebase, Python

3) IoT based Smart Waste Management System (September 2017)
Worked in a 5 member team. Designed an IoT based system which used real-time sensors in collecting data and provided a web application for the users to interact. Contributed by designing the web application. Finalists at Cisco IoT Hackathon 2017.
Technologies: HTML5, CSS, JavaScript, Firebase

4) Import/Export Management System (March 2017/July 2017)
Developed a standalone application based on a real client's requirements to fix the existing issues such as data losses and misplacements of documents and also to increase the efficiency. The design was a database management system to manage the shipment details of a logistics company. The product was capable of handling registration of new shipments, tracking, data transfers within departments, managing accounts and producing documents. Contributed by implementing a sub system.
Technologies: C#, MySQL

5) Bio Metric Authentication System (2018)
Implemented a standalone authentication system that uses a person's typing variety as a bio metric for authentication. The system distinguishes a person's typing variety based on two parameters: typing speed and typing errors.
Technologies: Java, MySQL

6) Energy Monitor (2017)

Worked in a 4 member team. Designed a prototype web application to support Ceylon Electricity Board to monitor its customers' energy consumption throughout the year which also works as a platform in interconnecting CEB and the customers. Contributed by implementing the user interfaces.
Technologies: JHTML, CSS, ExpressJS, JavaScrpit, MySQL

7) Battle of Mordor (September 2016/January 2017)

A simple multi-threaded application that simulates a game.
Technologies: Java

Extra-Curricular Activities & Achievements

- Senior Prefect – Royal College (2014/2015)

- Chess
  - University Colours - University of Moratuwa Chess Team (2017)
    Represented university at Sri Lanka Inter University Games 2017
  - College Senior Captain - Royal College Chess Team (2014/2015)
    Led and played for the school chess team. Organized all island inter school tournaments.
  - 3rd year Coloursman – Royal College Chess   (2010/2014)

- University Colours – University of Moratuwa Table Tennis (2017)

- Senior Steward – Royal College 2012/2013

- Main Student Coordinator – Edex Expo 2015 Exhibition
  Edex Expo is Sri Lanka's Largest Educational Exhibition and Job Fair organized by Royal College Union

- Speak Up Project – hosted by AIESEC in UNIVERSITY PUTRA MALAYSIA, MALAYSIA (2016)
  Participated in an 8 weeks volunteering project to help school children in Malaysia to learn English and develop communication and leadership skills.

- Committee Member – Royal College batch '14 Union Committee (2016/present)

- Hackathons
  - 2nd Runners-up – LetMeHack 1.0 Inter University Hackathon 2018
  - Fourth (4th) place at Code Kombat – IFS 20th Anniversary Hackathon 2017
  - Finalist – HacKLN, FinTecHack, Cisco IoT Hackathons 2017

References

Mr. Chakshika Amarawardhana (Personal Mentor)
Manager – Digital Banking
Hatton National Bank PLC
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Mrs F.S.Haleem
Teacher-in-charge of Chess
Royal College, Colombo 07
Mobile : +94 77 210 2642
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I hereby certify that the above particulars furnished by me are true and accurate for the best of my knowledge.

Bhanuka Siriwardana
Date: 28th February 2018