

Samiyuru Senarathne

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Education

University of Georgia

PhD Computer Science
Expected Graduation 2022
GPA 4.0/4.0

University of Westminster

BEng (Hons) Software Engineering
First Class, Final year GPA 4.0/4.0
Gold medalist, 2015

Skills

Programming

Java • SQL • JavaScript • HTML • C++
• SPARQL

Experience

Problem solving • Quick Prototyping • Object Oriented Design • Team Working and leadership • Producing Maintainable Code • Compilers and Tools Development • Microservices Architecture • Enterprise Middleware • Cloud Technologies • Web and Mobile Development • Design Patterns

Honors and Awards

- Dr. Gamini Wikramasinghe Gold medal for academic excellence, 2015
- NBQSA The Best Opensource Project Special Award, 2015
- NBQSA The Best University Project Silver Award, 2015
- APICTA The Best University Project Merit Award, 2015
- Virtusa Academic Excellence Award 1st prize, 2015
- NBQSA The Best Research and Development Project Bronze Award and Tools and Infrastructure Applications Merit Award, 2013
- Highest score ever for the final year research project at IIT until 2016

Employment

Equifax | Graduate SE Intern | 05/2019 - 08/2019

- Member of Equifax Data Science Labs team; responsible for driving innovation.
- Design and development of a novel system based on block-chain technology for protecting consumer PII in financial settings.
- First block-chain based project in the company. Designed and developed the system with 9000 lines of code in 5-6weeks (Only developer).
- Filed a patent. Recognized by the senior management for high performance.

University of Georgia | PhD Student | 08/2017 - Present

- Worked as Lab Instructor for Inro. Programming, Lead TA for Data structures, Computer Architecture and TA for Theory of Computation.
- Took courses for Mobile Software Development, Database Management, Compilers, Algorithms and doctoral research oriented courses for Enterprise Integration (Knowledge Graphs), Advanced distributed computing, Advanced Data Intensive computing, Image processing.
- 'A' passes for all courses with multiple best in class project and exam scores. Led graduate project groups.

IFS RnD | Software Engineer | 08/2016 - 07/2017

- One of the 7 members of IFS Labs, the global research team of IFS RnD (3100+ employees).
- Cut the project cost by 50% by implementing simulation tools for experiments.
- Added intelligence to IFS platform by sentiment analysis with a scalable architecture to analyze a large amount of data.
- Attracted customers to IFS by traveling to Europe and presenting research projects.

WSO2 Inc | Software Engineer | 07/2015 - 08/2016

- Key member of WSO2 MSF4J micro services server team.
- Improved MSF4J throughput and defeated the competing servers.
- Became the top contributor of the project in 2 months.

99X Technology | Intern Soft. Engineer | 07/2013 - 07/2014

- Won two national best quality software awards for two research projects.
- Conducted technical training for the employees.

Web Application Developer | Freelance | 2009-2011

- Commercial web application development. Small to medium size businesses.

Publications

- CGui Toolchain for Highly Customized GUI Development for Multiple Platforms, *In Submission*
- Java Sinhala, Introductory book in Sinhalese, Free distribution, 2009