Arun Joseph

Experience

June 2019—Present | **Member of Technical Staff**, *Oracle*, Bangalore.

May–July 2018 | **Summer Intern**, *Morgan Stanley*, Bangalore.

Education

2015–2019 | **Bachelor of Technology**, *Computer Science and Engineering*, National Institute of Technology, Calicut, *9.18*.

2015 | **Class XII**, *CBSE*, Kendriya Vidyalaya No.2, Calicut, *96.2%*.

2013 | **Class X**, *CBSE*, Kendriya Vidyalaya No.2, Calicut, *10.0/10.0*.

Projects

April 2019 | **Extending eXpOS to Multi-core Environment**, Project eXpOS (eXperimental Operating System) is an on-line educational platform which helps undergraduate students to learn the working of an operating system. This project extended eXpOS to a dual-core environment..

April 2018 | **Project Allocator**, An Android application using Firebase which helps in requesting and accepting final year projects by students and faculties, respectively as part of Distributed Computing course in S6.

February 2018 | **SILC (Simple Integer Language Compiler)**, A Compiler which translates from eXpL (Experimental Language) to XSM Assembly Language built as a part of Compilers Laboratory course in S6.

October 2017 | **XOS (Experimental Operating System)**, An OS on XSM Simulator built as part of Operating Systems Laboratory course in S5.

Technical Skills

o Programming Languages: Java, C/C++, C#, Python, MIT Scheme (LISP)

- Mobile Platforms: Android
- Operating Systems: Linux(Ubuntu), Microsoft Windows, macOS
- Database Management Systems: MySQL
- Web Development: HTML, CSS, JavaScript, Angular
- Version Control Systems: Git

Technical Activities

- Volunteer for FOSSMeet '17, FOSSMeet '18 and FOSSMeet '19

Courses

September 2017 **Android Basics**, *Udacity*,
A series of 5 courses on Android Development for Beginners with topics including Android Basics, User Interface, Multiscreen Applications, Networking and Data Storage.

July 2017 **Machine Learning**, *Coursera*,
This course provided a broad introduction to machine learning, data mining, and statistical pattern recognition with topics including supervised learning and unsupervised learning.

June 2017 **How to Use Git and GitHub**, *Udacity*,
This course introduces the use of version control in software development with Git as the Version Control System and GitHub to facilitate collaboration.

December 2016 **From Nand to Tetris**, *Coursera*,
This is a project-centered course in which a modern computer system is built from the ground up. It is divided into six hands-on projects from constructing elementary logic gates all the way through creating a fully functioning general purpose computer.

References

- Dr. Murali Krishnan K
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  Department of Computer Science and Engineering, NIT Calicut
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- Mr. Sandeep Rawat
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  Morgan Stanley, Bangalore
  Email: sandeep.rawat@morganstanley.com

I hereby declare that the above-furnished information is true to the best of my knowledge and belief.

Arun Joseph