

Valliammai Subramanian

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SUMMARY

- **Expert:** object oriented programming in C++, Java8 (certified by Oracle), Javascript, .NET
- **Experienced:** SQL, Oracle, Git, AJAX, HTML5, CSS3, jQuery, Eclipse, PHP, Apache Server, JDBC, Visual Basic, Swing, Linux/Unix
- **Knowledgeable:** NoSQL, XML, Unit testing frameworks, Python, Hadoop, Network protocols/Web technologies (i.e., TCP/IP, HTTP, SSL, certificates), Single Sign-On (SSO) concepts, Server side Java scripting, NodeJS
- **Worked** on android app development and web designing
- **Strong** in computer science theory, operating systems, algorithms, and mathematics
- Resident of Singapore and available for in-person interview at your convenience

WORK

Lady Doak College, India

Nov 2016 - May 2017

Lecturer | Computer Science

- Taught year 1 and year 2 computer science classes comprising more than 200 students
- Lectured 2 main computer science courses, namely (i) Java and (ii) Oracle (database management system)
- Tutored programming language classes including C++, C#, HTML, Javascript, Visual Basic
- Prepared lecturer materials and exam questions

Wowappbakery.com, India

Jun 2016 - Oct 2016

Software Development Analyst Intern

- Worked extensively with Android Studio to develop web app, with front-end in PHP & advanced Java, and back-end in MySQL
- Designed user responsive layouts and controls
- Handled troubleshooting and testing of the web app
- Page template and image templates were designed to meet industry standards

Lady Doak College, India

Dec 2015 - May 2016

Web Designer

- Envisioned and implemented web-based student attendance and examination mark system, for a large database of 7000+ students and 15+ departments in the college
- Enabled administrators to make updates to the web records via a user friendly web interface
- Additionally, developed a mobile app, linked to the web, for easy update of student attendance by staff
- Utilised .NET, Visual Basic, AJAX and MySQL

CERTIFICATES

Java Programming Language using SE6

Apr 2011 - Sep 2011

NIIT | Oracle Certification

- Object-oriented programming, graphical user interface (GUIs) creation, exceptions, file input/output, multithreaded applications, swing components, error-handling, Java applications, and networked applications.

TECHNICAL SKILLS

Language	C, C++, C#, Java8, J2EE, Python
Tools	Git, Eclipse, IBM Enterprise Tools, Matlab, Linux/Unix
Databases	SQL, NoSQL, Oracle, MySQL, Hadoop, JDBC
Web Designing	HTML5, CSS3, XML, JavaScript, jQuery, NodeJS, .NET, VB, AJAX, PHP, JSP

SEMINARS PRESENTED

Future of Green Computing Technical Symposium, LINERIA, India	Mar 2013
Data Tools in Cryptography National Conference on Cyber Security, India	Feb 2015
Comparative Study of Image Enhancement National Conference on Technology Strategies, India	Aug 2015

EDUCATION

Madurai Kamaraj University, India	Jun 2014 - May 2016
Masters in Computer Science	
<ul style="list-style-type: none">- GPA : 7.90/10.00 (Gold Medalist)- Created an e-system for uploading, verification, and access control, of examination papers- Implemented data security layers in the website to ensure data integrity (key skills: MS Visual Studio, SQL server)	
Alagappa University, India	Jun 2011 - May 2014
Bachelors in Computer Science	
<ul style="list-style-type: none">- GPA : 9.01/10.00 (First Class Honors University 2nd Rank)- Created an online e-portrait management system, which includes photo upload, online photo capture, photo editing tool, and order placement with payment processing (key skills: PHP, MySQL, WAMP Server)	

HONORS AND AWARDS

<i>Scholarships</i>	
University Grants Commission Merit Scholarship for Master's degree	Jun 2014 - May 2016
<i>Prizes</i>	
Gold medal for Master's degree by Kamaraj University	Apr 2016
University 2nd Rank holder for Bachelor's degree by Alagappa University	Jul 2014

PROFESSIONAL AND LEADERSHIP ACTIVITIES

Member, Computer Society of India	Jan 2013 - present
Implemented e-waste recycling system at Lady Doak college	Jan 2016