

# Curriculum Vitae



Yasir Dawood Salman, Ph.D.

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## Personal Information

Gender : Male  
Marital status : Single  
Date of Birth : October 28<sup>th</sup> 1985.  
Nationality : Iraqi

## Academic Qualification

### October 2017

Qualification : Doctorate (PhD. Information Technology)  
Field of Study : Information Technology  
Major : Software Engineer  
Thesis : A Test Case Generation Framework Based on UML Statechart Diagram  
Institute : Universiti Utara Malaysia

### November 2010

Qualification : Master (M.Sc. Information Technology)  
Field of Study : Information Technology  
Major : Software Engineer  
Thesis : Automatic Test Case Generation from UML Activity Diagram Using Activity Path  
Institute : Universiti Utara Malaysia

### July 2007

Qualification : Degree (B.Eng. Computer Communication Engineering)  
Field of Study : Electrical Engineering  
Major : Computer Communication Engineering  
Final Project : Implementation and Evaluation of RSA Algorithm in Visual Basic  
Institute : Al-Mansour University, Baghdad-Iraq

## Publication

### Published

Hashim, N. L., & **Salman, Y. D.** (2011). An improved algorithm in test case generation from UML activity diagram using activity path. *International Conference on Computing and Informatics* (3rd), 226-231.

**Salman, Y. D.**, & Hashim, N. L. (2014). An improved method of obtaining basic path testing for test case based on UML state chart. *Science International*, 26(4).

**Salman, Y. D.**, & Hashim, N. L. (2016). Automatic test case generation from UML state chart diagram: a survey. In *Advanced Computer and Communication Engineering Technology* (pp. 123-134). Springer International Publishing.

**Salman, Y. D.** & Hashim, N. L. (2017). Test Case Generation Model for UML Diagrams. *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)*, 9(2-2), 171-175.

**Salman, Y. D.**, Ku-Mahamud, K. R., & Kamioka, E. (2017). Distance measurement for self-driving cars using stereo camera. *International Conference on Computing and Informatics* (6th), 235-242.

**Salman, Y. D., & Hashim, N. L. (2017).** Test Case Generation Model for UML Diagrams. *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)*, 9(2-2), 171-175.

**Salman, Y. D., Hashim, N. L., Rejab, M. M., Romli, R., & Mohd, H. (2017a).** Coverage criteria for test case generation using UML state chart diagram. Paper presented at the AIP Conference Proceedings.

**Salman, Y. D., Hashim, N. L., Rejab, M. M., Romli, R., & Mohd, H. (2017b).** Coverage Criteria for UML State Chart Diagram in Model-based Testing. *Journal of Telecommunication, Electronic and Computer Engineering (JTEC)*, 9(2-11), 85-89.

AL-Dhief, F.T., Sabri, N., Latiff, N.A., Malik, N.N.N.A., Abbas, M., Albader, A., Mohammed, M.A., AL-Haddad, R.N., **Salman, Y.D.**, Khanapi, M. and Ghani, A.,. (2018). Performance Comparison between TCP and UDP Protocols in Different Simulation Scenarios. *International Journal of Engineering & Technology*, 7(4.36), 172-176.

Hashim, N. L., & **Salman, Y. D.** (2018). Test Case Minimization Applying Firefly Algorithm. *International Journal on Advanced Science, Engineering and Information Technology*, 8(4-2), 1777-1783.

Shakat, A., Al-Dabagh, M. A., Hasan, S., & **Salman, Y. D.** (2018) Speech Recognition Keyword Engine for Video on YouTube.

**Salman, Y. D., Hashim, N. L., Rejab, M. M., Romli, R., & Mohd, H. (2018).** Generating test Cases for Model-Based Testing and Detecting Deadlocks Using Tarjan's Algorithm. *Journal of Engineering and Applied Sciences*, 13: 2322-2329.

Ruangnapakul, N., **Salman, Y. D.**, Shawkat, A. R (2019). A Systematic Analysis of Cyber bullying in Southeast Asia Countries. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 8(8), 104-111.

### Accepted

**Salman, Y. D. & Hashim, N. L. (2019).** A Test Cases Minimization And Prioritized Method Using Firefly Algorithm Based On UML State Chart Diagram.

### Training Record

- 12 April 2017 : Structural Equation Modelling Workshop using AMOS, Universiti Utara Malaysia.
- 17 January 2017 : Basic SPSS for Postgraduate, Universiti Utara Malaysia.
- 5 October 2017 : Studio and flash photography workshop, Universiti Utara Malaysia.
- 6 November 2016 : gPBL Workshop, Shibaura Institute of Technology Japan.
- 6-7 October 2015 : Survey Design & Sampling and Research Paper Publication Workshop, Universiti Utara Malaysia.
- 9 August 2009 : Wireless Communication System: Wireless Network Fundamentals, ITM, UUM Asia Pacific Centre.
- 30 December 2006 : CCNA2 - Router and Routing Basics, MUC Network Academy.
- 10 December 2006 : CCNA1 - Network Basics, MUC Network Academy.

### Languages

- Arabic (Native)
- English (Excellent)
- Bahasa (Basic)

### Technical Proficiency

1. **Operating Systems:** Microsoft Windows, Mac OS X, and Linux.
2. **Programming:** PHP, C/C++, Objective C, C#, Delphi/Pascal, Java, Visual Basic, and JavaScript/JQuery.
3. **Networking:** LAN/WAN Administration, VPN, TPC/IP, Proxy, NAT, DHCP, Samba, Apache, FTP, NetBEUI.
4. **API Integration:** Facebook API, Google Maps API.

5. **Tools:** Adobe Illustrator, Adobe Photoshop, Macromedia Flash, Adobe Dreamweaver, Adobe After Effects, Adobe Lightroom, Adobe Acrobat, Adobe Premiere, CorelDraw, AUTOCAD, Eclipse, MsSQL, MySQL, WordPress, Joomla, Drupal, Magento.
6. PC Maintenance.

### **Personal Strength**

1. Passionate about doing a good job.
2. Quick learner with ability to grasp new technologies, software and hardware.
3. Comprehensive knowledge of programming concept.
4. Energetic and self-motivated person.
5. Experience in development & implementation of software application for various operating system platform.
6. Proven ability to work both independent and team environment.
7. First rate interpersonal and communication skills, able to easily interact with fellow developers and customers alike.
8. Strongly committed to all projects from inception right through to the end.
9. Confident, friendly and easy to get along with.

### **Professional**

1. Able to organize own workload effectively and priorities tasks.
2. Can quickly understand business requirements and then translate these into functional requirements.
3. Having a passion for customer service & responding quickly to enquiries.
4. Can manage multiple projects in a fast-paced, deadline-driven environment.
5. Adaptable and able to quickly pick up new techniques.
6. Understanding of W3C standards, web accessibility & best practice.

### **Teaching Experiences**

- Private tuition for four undergraduates in first year for Computer Programming at Al-Mansour University, Baghdad, Iraq in year 2004; two hour session twice a week.
- Private tuition for three undergraduates in second year for Mathematic at Al-Mansour University, Baghdad, Iraq in year 2005 ; two hours session twice a week.
- Private tuition for 5 undergraduate third year for Object-Oriented Programming at Al-Mansour University, Baghdad, Iraq in year 2006; two hours session twice a week.
- Mentor-Tutor for Computer Programming and Logic Design for first year students at Al-Mansour University, Baghdad, Iraq in year 2007; two hours session twice a week.

## Freelance History

- **Cambridge English for Life – Kuala Lumpur, Malaysia.**  
Web developer - Create and design CMS Company's website.
- **R.E.A.L Education Group – Kuala Lumpur, Malaysia.**  
Web developer - Create and design R.E.A.L School website and create and design R.E.A.L kids' website.
- **Mosaic Art Marble & Granite – Dubai, UAE**  
IT / Computer Systems - Software, Setup Company's network.
- **Al-Thuraya Marine Service – Dubai, UAE**  
IT / Computer Systems - Software, Setup Company's network.
- **Cedars Solutions, F.Z.E – Ajman, UAE**  
Create and design the company's brochure and advertisement collection.
- **Silver Air – Baghdad, IRAQ**  
Setup company's network, create and design the advertisement collection.

## Employment History

- January 2018 – present  
Company : software lab PT. Bali, Indonesia.  
Position : Founder & CEO (Full Time).
- November 2012 - July 2013  
Company : Sinar Aki Sdn. Bhd., Kuala Lumpur, Malaysia.  
Position : Chief Technical Officer (Full Time).
- January 2012 – October 2012  
Company : Vertical Progress Sdn. Bhd., Kuala Lumpur, Malaysia.  
Position : Innovation Manager (Full Time).
- January 2011 – December 2011  
Company : Mays Alreem Travel And Tourism Co. Baghdad,Iraq.  
Position : IT Manager (Full Time).
- October 2007- May 2008  
Company : Al Fadhil Trading International ATIC FZCO,Dubai,UAE.  
Position : Maintanance Engineer (Full Time).
- July 2005-August 2007  
Company : Al-Seera Company for Computer and  
Communication,Baghdad,Iraq.  
Position : System Engineer (Part Time)
- July 2004- May 2005  
Company : Orient Light Company for Modern Signs  
CO.,Baghdad,Iraq.  
Position : Graphic Designer(Part Time)

## Hobbies and Interests

Reading, Programing, Cycling, hiking, traveling, photography, fitness training, weightlifting, and music.

**Others:** Member of the Iraqi Engineering Association.