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| TAN SIEOW YEEK [ahyeek@gmail.com](mailto:ahyeek@gmail.com) [**www.ahyeek.com**](http://www.ahyeek.com)  **+ 60 (12) 378 3277** | | | | C:\Users\tansieo\Desktop\Working-Stuff\Personal@HP\Head-photo\head-16.JPG | | |
| Address: | | APA-15-06, Aseana Puteri,  Jalan Puteri 9/1, Bandar Puteri,  47100 Selangor, Malaysia. | |
| Gender: | | Male | |
| Nationality: | | Malaysian | |
| Availability: | | 2 Months’ Notice | |
| **Career Objective** | | | | | | |
| * To work in a dynamic and positive atmosphere, which promotes creative and innovative R&D culture, with a great team that has strong passion and enthusiasm. * To demonstrate my technical and research skills in big data and computer vision for cutting-edge technology innovations and developments. | | | | | | |
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| **Area of Research Interest** | | | | | | |
| Machine Learning, Advance Analytic, Big-data Analytic (Hadoop, Autonomy, and Vertica), Image Understanding and Analysis, Semantic Technology, High Speed Computing, Artificial Intelligent. | | | | | | |
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| **Education Background** | | | | | | |
| Level: | Master of Computer Science, University Of Malaya, Malaysia | | | | | |
| Field Of Study: | Image Processing & Computer Vision, Bio-Modeling Systems, Computer Graphics, High Performance Computing | | | | | |
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| Level: | Bachelor’s Degree (Honors), University Of Malaya, Malaysia | | | | | |
| Field Of Study: | Computer Science and Information Technology, major in Artificial Intelligence | | | | | |
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| **Summary of Working Experiences** | | | | | | |
| Experiences in Big Data Analytics in HP, involving technologies such as SAS EG & EM, Hadoop, Autonomy and Vertica.   * Involving in EG TS Attach & Annuity Business Intelligence IT project to drive sales growth at the WW level using SAS 9.4 and SAS Enterprise Miner (EM) as the advanced analytics tool, especially in performing partner segmentation and clustering for extracting insights embedded in the data. * Delivered 2 Hadoop-based and 2 Autonomy-based proof-of-concept. * Delivered 6 white papers, received center-wide Top Paper award and HP CIO Recognition on Outstanding Idea Award. | | | | | | |
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| 8 years of experiences in Computer Vision & Image Processing technologies, including machine vision inspection, biological computation simulation and visualization:   * Delivered 4 industries products. * Prototyped 4 in-house machine vision solutions. * Designed and developed 2 projects on bio-modeling simulation and visualization, leading to 2 journal papers publications. | | | | | | |
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| 6 years of experiences in Artificial Intelligent including various Neural Network, Fuzzy logic, Genetic Algorithm and Machine Learning:   * A seasonal developer of AI components (e.g. Solving Travelling Salesman, Multi-variants Problem using GA). * Designed and developed Neural-Fuzzy algorithm for ATM network simulation during undergraduate study. * Experienced in Apache Hadoop and Apache Mahout for large data set processing. | | | | | | |
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| 3 years of experiences in Semantic Technology including:   * Secured a total of RM0.4M science funds from Ministry of Science and Technology Malaysia for Image Understanding research projects. * Published 6 conference papers; disclosed 12 patents, filed 4 patents and 8 pending applications in progress. * Developed an image understanding prototype system using multiple low-level visual features incorporate in ontology for objects identification and image annotation. * Integrated Image Understanding to Linked Open Data (LOD) to enrich image content and annotate images by constructing the conceptual graphs as knowledge representation. | | | | | | |
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| **Working Experience** | | | | | | |
| **Hewlett-Packard (HP) Multimedia Sdn. Bhd.** [www.hp.com](http://www.hp.com) | | | | | | Sep 2012 - Present |
| **IT Expert - Data Scientist** | | | | | | |
| ***Responsibilities:***   * Responsible in data acquisition from multiple sources, understanding the data from the business usage perspective by adopting CRISP-DM methodology. * Responsible in performing data conversion, data cleaning, data validation by using SAS and SQL intensively in order to prepare analyzable data * Responsible in conducting analysis under general direction by qualitatively and quantitatively analyzing data, including exploratory data analysis, graphing and forecasting. * Perform accurate and comprehensive analysis of data to answer business questions, including querying data and then analyzing, specifically utilizing SAS EG. | | | | | | |
| * Identify useful data variables; perform data modeling, segmentation and clustering methodology using SAS EM for concluding insights from the data by adopting SEMMA practice. * Set up Hadoop processing environment, (consists of HBase, Hive, Flume, Sqoop, Oozie, Mahout, Pig, Map-Reduce program development environment, MapR admin and etc). * R&D on big-data analytic systems by proposing, implementing, testing on various Proof-of-Concept systems. * R&D on innovative data analytic solutions for latent information discovery from large amount of structure, semi-structured and un-structured data. * R&D on ‘Meaning-based computing’ system, i.e. Autonomy software. * Responsible in building big-data analytic skillsets (Hadoop, Autonomy and Vertica) within the team to cultivate and contribute on potential projects. * Participate and contribute efforts in Hadoop, Autonomy and Manufacturing Execution System (MES) Center of Practice (CoP) at hp.com Tech team in Malaysia.   ***Accomplishments:***   * Built-up in-depth hands-on experiences on Autonomy product family. * Built-up in-depth hands-on experiences on Hadoop and Vertica technologies. * Contributed efforts in a big-data analytic project, which processes daily 80GB of log data in 16 data nodes Hadoop clusters, output data into HBase and Vertica servers. * Implemented 4 PoC systems based on Hadoop and Autonomy technology. * Delivered 6 technical papers, related to Hadoop and Autonomy technology. * Presented 1 paper on Autonomy technology in Tech Day event at HP ShangHai * Presented 2 papers on Hadoop technology in Tech Day event at HP Malaysia. * Published 2 posters on Autonomy and Hadoop technologies in New-style of IT competition at HP Malaysia. | | | | | | |
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| **MIMOS BERHAD** [www.mimos.my](file:///C:\RESEARHER\www.mimos.my) | | | | | | Apr 2010 – Sep 2012 |
| **Staff Researcher** | | | | | | |
| ***Responsibilities:***   * R&D on Semantic-based Intelligent Software Components. * Developed prototypes and demo systems to show capabilities of and practical problems addressed by semantic technologies, drove technology transfers to product groups, and helped create and execute incubation projects to [MIMOS Semantic Technology Platform](http://www.mimos.my/technology-thrust-areas/knowledge-technology/about-us5/). * Developed AI related software as web service components contributing to [Intelligent Informatics Platform](http://www.mimos.my/technology-thrust-areas/knowledge-technology/achievements5/), which adopts SOA development environment. * R&D on Image Understanding software components, which consists of various low-level image processing techniques, such as visual descriptors construction, image segmentation, features of interest extraction, color analysis and image classification * R&D on low-level image processing mechanism in combination with semantic technologies for high-level conceptual knowledge analysis of images. Domain consisted of natural images, CCTV surveillance images and health care images, such as MRI, CT and X-Ray images. * Generated and published patents related to semantic and image processing research domain. * In-charged of organizing conferences, paper reviews, paper publications and knowledge sharing tasks.   ***Accomplishments:***   * In-depth understanding of semantic technology knowledge such as RDF, RDFS, OWL, SWIRL, SPIN, JENA. * Involved in ontology engineering and knowledge management processes. * Published 8 papers, in which 3 papers focused on semantic technology domain, 5 papers related to image processing and analysis domain. * Generated 12 patents ideas from year 2010 until 2012, 5 have been filed to date. * Developed PoC system, entitled “Automatic Semantic Question Generation and Assessment System”. * Developed Image Understanding PoC system, which consists of several components, namely: Visual Features Extraction, Object Conceptualization, Spatial Relationship Extraction and Scene Conceptualization. * Assisted in organizing 3 major AI conference in Malaysia from 2010 until 2012. | | | | | | |
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| **TechEye Technology Sdn. Bhd.** | | | | | | Aug 2007 - Apr 2010 |
| **R&D Software Manager** | | | | | | |
| ***Responsibilities:***   * Involved in Machine Vision business development, products development, customer requirements gathering and analysis, machine and hardware sourcing, technologies development & integration, product delivery and post-sales maintenance. * Identified potential machine vision solutions and areas of research to improve revenue and business growth, especially in semi-conductor, assembly and test related industries * Involved in pre-sale, sale and post-sale activities, which include development of customer solution proposal by taking into consideration on customer Total Cost of Ownership and Return-of-Investment factors, closed sale process and payment collection. * Involved in project scope management, which considers factors of time line, resources, budget, risk, requirement changes, technology feasibilities, product delivery and support * Led a team of 4 software engineers and hands-on software development tasks in Microsoft Visual .NET C#, incorporated third party image processing SDK, interfaced with electrical & mechanical functionalities of hardware, for in-house machine products development. * Interfaced with hardware vendors for hardware design and modification, system requirements, system integration, testing, quality control and pricing negotiation * Involved in software and system architecture design, which involves integration with automation system and various types of hardware, to achieve rapid prototypes development. * Involved in software and system architecture design for bio-information portal development, which provides genotyping and health prediction services: [www.MyFamilyHealth.com](http://www.MyFamilyHealth.com) * Led a team of 4 software engineers and bio-informaticians to work on software development, web design, DNA genotyping and reporting tasks using PhP, Flash and JavaScript technology * Involved in Perl script development, for genomic data processing and statistical analysis. * Involved in various web technology development methods and tools, such as: CGI Application Framework, Yahoo UI, JSON, XML, MySQL, CSS, HTML/DHTML/XHTML, AJAX, XML, Selenium automate testing tool, Template toolkit, JavaScript, Flash and etc   ***Accomplishments:***   * Managed and implemented 4 machine vision solutions delivered to industry customers. * Developed business plans to secured 4 entrepreneur grants awarded by government technology funding agency   Developed machine vision solutions and products:   * [EVerify, Electronic Machine Inspection and Verification System](http://silyeek-tech.blogspot.com/2010/01/electronic-machine-inspection-and.html) (Project awarded entrepreneurship grant by [CRADLE](http://www.cradle.com.my/cms/index.jsp) in 2007) * [ASIS PCB, Advance Stencil Inspection System](http://silyeek-tech.blogspot.com/2010/01/asis-pcb-advance-stencil-inspection.html) (Project awarded by pre-seed entrepreneurship grant by [MDEC](http://www.mdec.my/). Product successfully sold to Hakko Sdn. Bhd., [www.hakko.com](http://www.hakko.com.sg/new/www/index.html) and Ocular Sdn. Bhd. [www.ocular.com.my](http://www.ocular.com.my)) * [SZIS, Mobile Super Zooming Inspection System](http://silyeek-tech.blogspot.com/2010/01/szis-super-zoom-inspection-system.html). (Solution tested in STATS ChipPAC Malaysia, [www.statschippac.com](http://www.statschippac.com)) * Multiple light sources and camera integrated prototype solution. * OCR technology in bottling inspection and verification prototype solution.   Technologies researched and developed:   * [TE 8000 – Wafer Stencil Inspection System](http://silyeek-tech.blogspot.com/2010/01/te-8000-wafer-stencil-inspection-system.html) (Project awarded entrepreneurship grant by [CRADLE](http://www.cradle.com.my/cms/index.jsp) in 2008) * [Robotic Eye In Pipe (REIP)](http://silyeek-tech.blogspot.com/2010/01/robotic-eye-inside-pipe-reip.html) (Project awarded entrepreneurship grant by [CRADLE](http://www.cradle.com.my/cms/index.jsp) in 2009) * PC-to-PLC communication (Model: Omron, SYSMAC CS/CJ/CP Series) in controlling various electronic and mechanical devices, i.e. Pneumatic reject system from SMC. * Software framework in MS. Visual C# .NET for rapid machine vision prototype and product development. | | | | | | |
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| **Intel MSC Sdn. Bhd.** | | | | | Jan 2006 – Aug 2007 | |
| **Automation Software Engineer (Tech Lead)** | | | | | | |
| ***Responsibilities:***   * Design, development and testing on automation systems for Chip Attach Module (CAM). * Developed machine software application using Ms. Visual .NET C# language to communicate with machine controllers on manufacturing process and gather equipment status data using SecGem message as transmission protocol. * Conducted demonstrations and trainings for application owner and end user to ensure proper and smooth systems deliveries. * Configured Equipment Interface Bridge (EIB) model, which includes writing of SecSimPro+ script, configuring of factory recipe management system, statistical process control system, unit level traceability and etc.   ***Accomplishment:***   * Delivered automation systems for Chip Attach Module (CAM) that meet factory customer expectation in terms of quality, performance and delivery timeline (1½ years). * Contributed in product design, system designs, technical solutions integration and system architecture documents for several machine controller modules. * Prepared necessary documents, such as Standard Operating Procedures (SOP), installation guide, troubleshooting guide and training guide. * Obtained 2 Intel internal awards for innovation idea generation and proposal, entitled:   + Multilingual IME Key implementation in Roman Character Keyboard.   + A de-centralized approach to control and sync up the configuration with distributed factory client application. | | | | | | |
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| **Awards** | | | | | | |
| 1. Certified ScrumMaster from Scrum Alliance, 11th Jan 2014. 2. Cloudera Certified Developer for Apache Hadoop (CCDH), Exam CCD-410 (CDH4), 13rd Feb 2013. 3. Statement of accomplishment from online self-learning courses @ [Coursera.org](https://www.coursera.org/):   Machine Learning, Computing for Data Analysis, Image and Video Processing   1. Gold Medal award of the IPTA Expo 2005, PWTC, 2nd Oct 2005. 2. “Saintis Cemerlang 2005” (Excellent Scientist 2005) awarded by Ministry of Higher Education, 23rd Aug 2005. 3. ITEX Bronze Medal award of the 16th International Invention Innovation Industrial Design & Technology Exhibition 2005 (ITEX 2005), Kuala Lumpur, Malaysia, 19th – 21st May 2005. 4. Gold medal award of the Invention Exhibition of New Invention, Techniques and Products 2005, Geneva, 8th Apr 2005. 5. Others: Certificate of merit for Chinese Chess Competition University of Malaya 1999. Certificate of merit for National Physic Competition Pre-University level 1998. | | | | | | |
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| **Publication** | | | | | | |
| 1. Selvanathan, N., Tan, S. Y., Nagappan , S., M. Sankupellay. “**The fiber-fluid model of the human heart**”. Journal of Science & Technology in the Tropics, vol 1 (1), Jun 2005 | | | | | | |
| 1. Tan, S. Y., Selvanathan, N., Nagappan, S. “**Non-Invasive Method for Patient-Specific Virtual Heart Based on Fiber-Fluid Model**”. Journal of Mobile Multimedia, vol 2 (1), 2006 | | | | | | |
| 1. Tan, S. Y., Kiu, C.C., Lukose, D. “**Evaluating Multiple-Choice Question Generator**”. In 3rd Semantic Technology and Knowledge Engineering (STAKE 2011), vol. 0295 of Communications in Computer and Information Science (CCIS), UNITEN Putrajaya, Malaysia. (2011) | | | | | | |
| 1. Tan, S. Y., Kiu, C. C., Lukose, D. **Ontology Independent Question Generator** in Demo Proceedings of the 3rd Malaysia Joint Conference on Artificial Intelligence, UNITEN Putrajaya, Malaysia, July 18-22, 2011. | | | | | | |
| 1. Tan, S. Y., Kiu, C. C., Lukose, D. “**Ontology Independent Automatic Question Generation and Assessment**”. (To publish after related patent approved) | | | | | | |
| 1. Tan, S. Y., Bong, C. W., Lukose, D. “**Building Detection with Loosely-Coupled Hybrid Feature Descriptors**”. In proceedings of the 12th Pacific Rim International Conference of Artificial Intelligence (PRICAI ’12), vol. 7458 of Lecture Notes in Artificial Intelligence, Kuching, Sarawak, Malaysia (2012) | | | | | | |
| 1. Tan, S. Y., Lukose, D. "**Semantic Hybridized Image Features in Visual Diagnostic of Plant Health**". International Symposium on Agriculture Ontology Services (AOS 2012), 3-7 Sep, Sarawak, Kuching, Malaysia (2012) | | | | | | |
| 1. Tan. S. Y., Lukose, Dickson. "**Cognitive Semantic Model for Visual Object Recognition in Image**" In proceedings of International Conference on Multimedia and Signal Processing (CMSP'12), Communications in Computer and Information Science (CCIS), Vol. 346, p.67, 2012 | | | | | | |
| 1. Jasbeer, S. S., Tan, S. Y., Lukose, D. "**Learner Personalization using Emotion Analysis based on Facial Expression**". International Workshop on Collaboration and Intelligence in Blended Learning (CIBL 2012), 3-7 Sep, Sarawak, Kuching, Malaysia (2012) | | | | | | |
| 1. Mohamed, B. K., Hamed, H. F., Tan, S. Y., Lukose, D. "**Social Interaction Behavior Improvement System**". The 3rd International Workshop on Empathic Computing (IWEC 2012), 3-7 Sep, Sarawak, Kuching, Malaysia (2012) | | | | | | |
| **White Papers** | | | | | | |
| 1. Tan, S. Y., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Website User Navigation Intention Profiling Visual Analytic System**. HP Global IT, Cyberjaya, Malaysia. | | | | | | |
| 1. Tee, M. S., Chen, J., Tan, S. Y., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Point of Sales Product Recommender Solution for Smart Hypermarkets.** HP Global IT, Cyberjaya, Malaysia. | | | | | | |
| 1. Wayne, O., Chen, J., Ang, E. S., Mohd Taufik, A. H., Tan, S. Y., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Understanding Browsing Experience: ClickPath Explorer**. HP Global IT, Cyberjaya, Malaysia. | | | | | | |
| 1. Tan, S. Y., Tee, M. S., Fadzril, M. M., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Competing Product Analyzer (CPA)**. HP Global IT, Cyberjaya, Malaysia. | | | | | | |
| 1. Lim, M., Tan, S. Y., Yong, K. H., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Mining and Dissecting Online Opinions of HP Products**. HP Global IT, Cyberjaya, Malaysia. | | | | | | |
| 1. Mooi, J. S., Leong, A., Tan, S. Y., Lai, K. S., Tech Day 2013, HP Global Development Service, (2013). **Autonomy Making Expert Search Easier.** HP Global IT, Cyberjaya, Malaysia. | | | | | | |
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| **Skills** | | | | | | |
| **Professional Fields** | | | | | | |
| SAS 9.4 & SAS EM | Machine Learning | Big-data Hadoop Technology (Hdfs, Hbase, Hive, Flume, Sqoop, Mahout, Oozie, Map-Reduce, Pig) | Autonomy Software | Machine vision application development in semi-conductor industry | Image Understanding, Image recognition, Signal and Image processing Techniques | Semantic Technology & Knowledge Management: RDF, RDFS, OWL, SKOS, SPIN, JENA, Linked Open Data (LOD), Conceptual Graph (CG) | Bio-informatics in personal genotype data processing and web services | Biological Computational System, Modeling and Simulation | Virtual reality 3D visualization using Open-GL | High performance computing (Grid Computing Architecture) | Grid programming techniques using Microsoft C# NET framework | Genetic Algorithm | Graph Theory | Neural Network for pattern recognition and prediction | Fuzzy Logic | Asynchronous Transfer Mode network technology | Natural Language Processing | | | | | | |
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| **Technical Skills** | | | | | | |
| Strong programming skills in Microsoft .NET C# (7 years), JAVA (5 years) | Excellent knowledge in C, C++ (6 years), JAVA Swing (3 years), Visual Basic 6 (5 years), Ms. Visual C++ (2 years), JSP/Tomcat (2 years), Open-GL (2 years), Perl script (1 year), ASP (3 years) | Semantic Technology: TopBraid composer, AllegroGraph server | Knowledge in COM+, DCOM, DLL and J2EE | Knowledge in MS SQL administrator, setup and configuration | Database: MySQL and MS. SQL 2000 | Experience in VB Script, Assembly language, Visual Prolog, MATLAB, and Palm | Familiar with Window 98, 2000, XP, NT, OS400, IRIX 6.5 and Linux OS | Intermediate user to: Photoshop, MS Office, MS Project, SQL, Visio and Lotus Notes | Web technology experience in SOAP UI for web service component testing, JMeter for performance testing, JSON, APACHE server, Yahoo UI, CSS, HTML/DHTML/XHTML, CGI Application Framework, Selenium automated testing tool, JavaScript, AJAX, PHP, XML and etc. | | | | | | |
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| **Training Accomplished** | | | | | | |
| PMP | Cloudera Developer Training for Apache Hadoop | Autonomy – IDOL Server Essential 10| Vertica | QlikView Designer & Developer | Fundamental of Computer Vision with Medical and Video Application | Presentations Alive | Machine Learning Workshop | myTRIZ workshop | Advance Video Analytics and Emerging Video Surveillance | Introduction to Graph Theory | Introduction to UML | UML Design Expert | Business plan clinic | Step up Program for Entrepreneurs | Architecting Enterprise Software | Transform your research into business venture | Getting Start with .NET | ASP.NET | Programming with C# | Machine Learning, Pre-Calculus, Computing for Data Analysis, Image and Video Processing, Computational Photography, Web Intelligence and Big Data, Making Sense of Data, Computing for Data Analysis @ [Coursera.org](https://www.coursera.org/) | | | | | | |
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| **Artificial Intelligent (AI) knowledge with related application samples:** | | | | | | |
| * [Genetic Algorithm (GA) In Solving Multi Variants Problem Implemented In Ms. NET C#](http://silyeek-tech.blogspot.com/2008/11/genetic-algorithm-ga-in-solving-multi.html) * [ADALINE TDL Neural Network Simulation In C-Sharp (C#)](http://silyeek-tech.blogspot.com/2007/04/adaline-tdl-neural-network-simulation.html) * [Genetic Algorithm (GA) In Solving Vehicle Routing Problem](http://silyeek-tech.blogspot.com/2006/03/genetic-algorithm-ga-in-solving.html) * [AI 8-puzzle (8 Puzzle) solver](http://silyeek-tech.blogspot.com/2006/03/ai-8-puzzle-8-puzzle-solver.html) * [Dynamic Bandwidth Allocation implementing Neural-Fuzzy (Neural Network + Fuzzy Logic) Technique simulated in JAVA Network Simulator](http://silyeek-tech.blogspot.com/2006/03/dynamic-bandwidth-allocation.html) | | | | | | |
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| **Language Proficiency** | | | | | | |
| English(Speak=8, Write=8) | Chinese(Speak=10, Write=10),  Bahasa Malaysia (Speak=8, Write=9) | Cantonese | Hokkien | | | | | | |
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| **Personal Characteristics** | | | | | | |
| Innovative | Handle pressure well | Fast learner, excellent analytical and problem solving skills | Pleasant interpersonal skills and self-motivated | Outgoing and enjoy meeting people | Enjoy presentation and discussion of new ideas | Love to teach and share | | | | | | |
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| **Extra-Curricular Activities** | | | | | | |
| 1. Presenter of white papers publication at HP DS Malaysia Tech Day 2013 event at Cyberjaya, Malaysia, year 2013, 18th Sep 2. Presenter of top paper from HP DS Malaysia in HP-IT CDC Tech Day 2013 event at Shanghai, year 2013, 5th Sep 3. Demo chair for the [Semantic Technology and Knowledge Engineering](http://ktw.mimos.my/ktw2012/), year 2012 4. Demo chair for the [Artificial Intelligent Demo 2011](http://www.mimos.my/aid2011/) co-located with the [3rd Malaysian Joint Conference on Artificial Intelligence (MJCAI 2011)](http://www.mimos.my/mjcai2011) and the [3rd Semantic Technology and Knowledge Engineering Conference (STAKE 2011)](http://www.mimos.my/stake2011) at UNITEN Putrajaya Campus, Malaysia. 5. Sponsorship chair for the [Third Malaysian Joint Conference on Artificial Intelligence](http://www.mimos.my/mjcai2011/index.html) and [Semantic Technology and Knowledge Engineering](http://www.mimos.my/stake2011/), year 2011; Review committee for [Artificial Intelligent Tutorial (AIT)](http://www.mimos.my/ait2011/index.html) 2011; Local Organization Committee for [Artificial Intelligence Workshops (AIW)](http://www.mimos.my/aiw2011/index.html) 2011. 6. Participated in the entrepreneur-training program: “[Business Plan Clinic](http://3.bp.blogspot.com/_7T9futV5fRc/S4opyqUgLTI/AAAAAAAABFw/_mI4m2bFAng/s1600-h/cradle-biz-plan-clinic.jpg)” at Mar 2009 and “[Step up Program for Entrepreneurs](http://1.bp.blogspot.com/_7T9futV5fRc/S4opyexbyaI/AAAAAAAABFo/lSGX-p8A8D0/s1600-h/mdec-step-to-pitch.jpg)” at Apr 2009. 7. Participated in the IPTA Research & Development Expo 2005, PWTC, 30th Sep – 2nd Oct 2005. 8. Participated in the “Closed dialogue with deputy minister of health Malaysia”, 23rd Jun 2005. 9. Participated in the 16th International Invention Innovation Industrial Design & Technology Exhibition 2005 (ITEX 2005), Kuala Lumpur, Malaysia, 19th - 21st May 2005. 10. Participated in the MSC-Technopreneur Development Seminar & Workshop, 31st May 2004. 11. Represented University Of Malaya in the ACM International Collegiate Programming Contest, Asia Region Contest held in Hong Kong in October 2000. 12. Positioned as the Marketing officer, The Grand Asia Chess Challenge 4 project, 1999/2000. 13. Others: Member, Student Library Committee, 1997/1998. Member, Sixth Form Society, 1997/1998. Participated in National Physic Competition Pre-University level, 1998. Participated in Inter-School Mathematics Quiz in the State of Penang, 1996. Adviser of Physics Department, School Science Society, 1996. Vice-Chairman, School English Language Society, 1996. Chief of Education Department, School Inventor’s Club, 1995. Head of Physic Department, School Science Society, 1995. Member, School JUDO Club, 1992-1996. | | | | | | |
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| **References** | | | | | | |
| Name: | | | Mr. Tan Yew Seng | | | |
| Email: | | | yew-seng.tan@hp.com | | | |
| Position / Company: | | | Senior Development Manager / Hewlett-Packard Malaysia | | | |
|  | | |  | | | |
| Name: | | | Mr. Naveen Kola | | | |
| Email: | | | naveen.kola@hp.com | | | |
| Position / Company: | | | DS Malaysia Center Head / Hewlett-Packard Malaysia | | | |