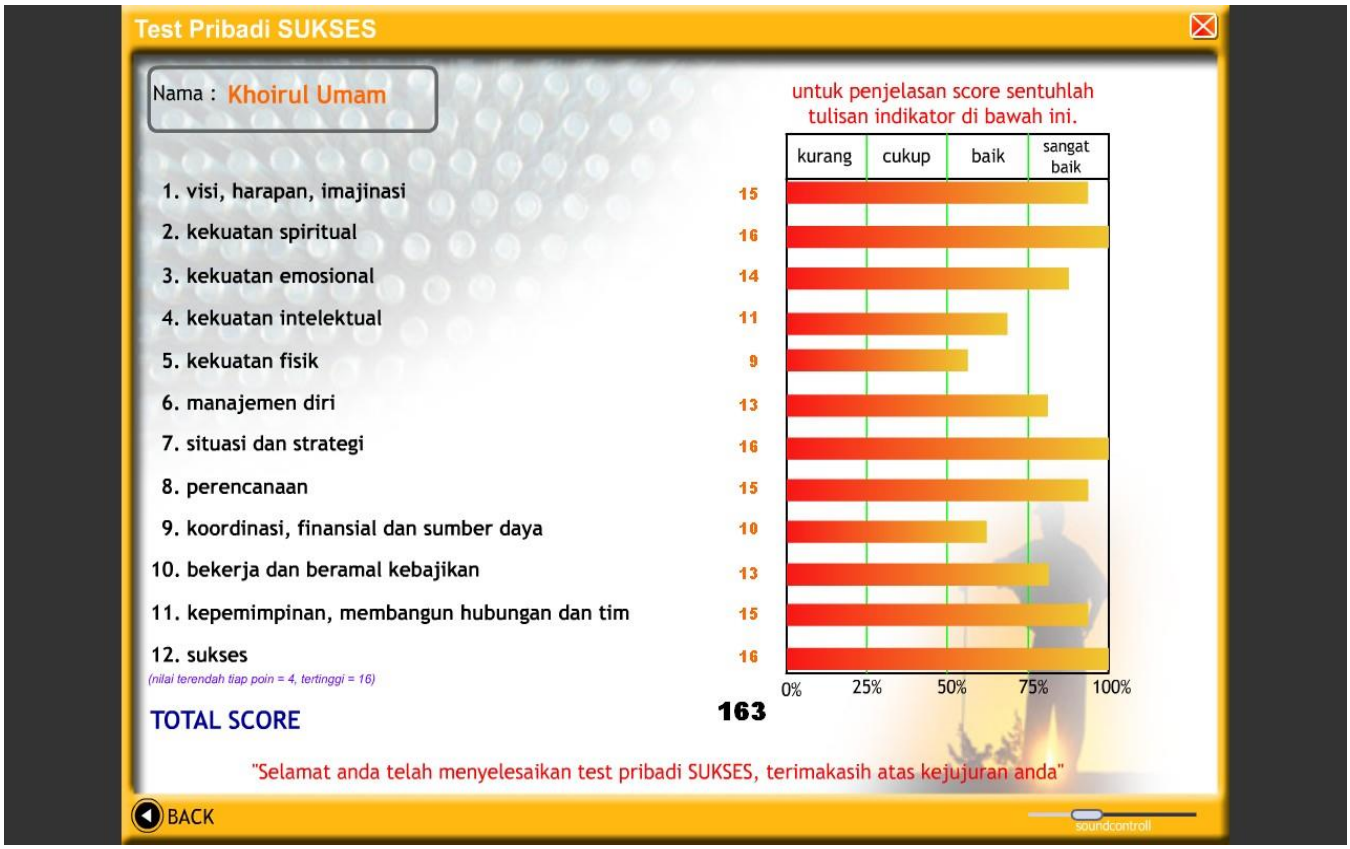
Khoirul Umam

Perum Mutiara Darussalam Blok A4/7
Jl. Pitara Raya, Pancoran Mas, Depok, Jawa Barat 16436

Tempat, tanggal lahir	Jakarta, 10 Desember 1980
Agama	Islam
Status Marital	Menikah
Hobi	*Adventure, Learning, Reading, Thinking*
Motto	*Think Allah First*
Handphone	021 – 70550198 / 081286692681
E-Mail	khoirulumam.ku@gmail.com
Website	umam.overflow.web.id, hasiloprekan.blogspot.com

Karakter Pribadi (Versi TRUSTCO)



Pendidikan Formal	S2 Elektro ISTN	2011 – 2014
	S1 Elektronika Universitas Negeri Jakarta	1998 – 2005
	MAN 2 Jakarta	1995 – 1998
	MTs Al Husna	1992 – 1995
	SDN Kalisari 06 Petang	1988 – 1992
	SDN Pasir Gunung Selatan III	1986 – 1988

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Pendidikan Non Formal dan Pelatihan

Microcontroller Training, Universitas Indonesia
Artificial Intelligence dan Otomasi Industri, Prasimax
Teaching Skill Training, Inventra
Project Management, RICE Jakarta
Master Plan, Adriano Rusfi

Pengalaman Kerja

Pengajar elektronika MAN 2 Jakarta Timur	2002 – 2004
Pengajar elektronika MA PKP Jakarta Timur	2005
Staff Embedded System PT. NCI	2006 – 2008
Koordinator *Robotic for Students* LP3T Nurul Fikri	2008 – 2010
Pengajar LP3T Nurul Fikri	2006 – 2014
Dosen STT Terpadu Nurul Fikri	2012 – 2014
Dosen ISTN	2014 – now

Pengalaman Organisasi

Lembaga Indoor, Outdoor, dan Outbound Training Sentra Kajian Informasi dan Literatur (SKIL Learning Center)
Kelompok Studi dan Implementasi Ilmu Pengetahuan dan Teknologi (KSI-IPTEK)
Lembaga Dakwah Kampus (LDK) Universitas Negeri Jakarta

Kompetensi

No	Kompetensi	Grade		
		Basic	Intermediate	Advanced
1	**Operating System**			
	• Windows			•
	• Linux (Mandriva, PCLinuxOS, Fedora, Ubuntu, OpenSUSE, IGOS, CentOS)		•	
2	**Office Application (Linux)**			
	• OpenOffice.org Writer		•	
	• OpenOffice.org Impress		•	
	• OpenOffice.org Calc		•	
	• Email Client		•	
3	**Office Application (Windows)**			
	• Microsoft Word			•
	• Microsoft Excel			•
	• Microsoft Powerpoint			•
	• Email Client			•
4	**Engineering Design Software (Windows)**			

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No	Kompetensi	Grade		
		Basic	Intermediate	Advanced
	• AutoCAD		•	
	• Solidwork	•		
	• Visio		•	
	• Circuit Maker			•
	• PCB Designer			•
	• Elektronic Workbench			•
	• PCB Express			•
	• PROTEL	•		
5	**Engineering Design Software (Linux)**			
	• geDA	•		
	• Ksimus		•	
6	**Microcontroller Programming Software (Linux)**			
	• Kontrollerlab		•	
	• Ktechlab		•	
	• Command Line			•
7	**Microcontroller Programming Software (Windows)**			
	• CodeVisionAVR		•	
	• AVRStudio		•	
	• BASIC Stamp Editor			•
	• 8051IDE			•
	• RIGEL		•	
	• Pinnacle		•	
8	**Programming Language**			
	• C		•	
	• Java		•	
	• VB.NET		•	
	• Python		•	
	• Assembler			•
	• Basic			•
	• Visual Basic			•
	• HTML and PHP & MYSQL		•	
	• Ladder Diagram	•		
9	**General**			
	• Embedded system on Linux		•	
	• Learning Management System berbasis Moodle			•
	• Embedded system on Windows		•	
	• Microcontroller and robotic			•
	• Google Features (Apps, Docs, Analytics, dll)			
	• Microsoft Project		•	
	• Project Management (Linux Software)			•
	• VYM (Min Mapping Software on Linux)			•
	• Organization and leadership management		•	
	• English language	•		
	• Arabic language		•	

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Prestasi

Asisten Trainer "School Base Competency Training" untuk guru dan kepala sekolah se-indonesia, Microsoft Indonesia.

Fasilitator Pelatihan Kepemimpinan Nasional, PPSDMS Nurul Fikri

Tulisan

AVR di Linux, www.ilmukomputer.com

Ksimus Tutorial, www.ilmukomputer.com

Pemrograman Basic Stamp 2 di linux, www.ilmukomputer.com

Alat Penampil Biaya Pemakaian Telepon Rumah Berbasis Mikrokontroler, www.ilmukomputer.com.

Tabloid PONSEL

Portfolio

Alat Penampil Biaya Pemakaian Telepon Rumah Berbasis Mikrokontroler

Detektor Koin

Sensor Kepadatan Kendaraan Pada Traffic Light

Programming AVR microcontroller on Linux

Programming PIC microcontroller on Linux

Keran otomatis dengan memanfaatkan ultrasonic sebagai sensor

Moving Display menggunakan dot matrix led

Sistem penghitung pengunjung

Kontrol listrik jarak jauh dengan DTMF

Remote control alarm

DC Chopper

System pemantau dan pengontrol kondisi PH, Suhu, dan ketinggian air pada ekosistem air tawar.

Depok, 8 September 2014

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