

PERSONAL INFORMATION

MOHAMMAD MAHDI SHAFIEI



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| **Date of birth** 31 May 1983 | **Nationality** Iranian

OBJECTIVES

IT and Computer Science Expert
IT and Computer Science Instructor / Teacher
Electronics Engineer majoring in Telecommunication

WORK EXPERIENCE

SEP 2017 – Present

Computer Science Teacher

Marefat International School
Kuala Lumpur - Malaysia
www.marefat.edu.my

JOB Description:

- Teaching Computer Science
- Teaching Discrete Mathematics
- Teaching Analytic Geometry

DEC 2018 – Present

IT Manager and Course Coordinator

ITEEE, Institute of Technology, Engineering and Economy Education
Freelance - Worldwide
www.iteee.org

JOB Description:

- IT courses coordination
- Engineering courses coordination
- IT consultant and platform developer

SEP 2013 – Present

General Manager & Co-Founder

HostCodile IT Solutions and Development
Freelancer - Worldwide
www.hostcodile.com

JOB Description:

- Management
- Investment and Funding

SEP 2009 – Present

Founder - Malaysia Section Manager

MY4EDU – Malaysia for Education
Freelancer – Middle east & Malaysia
www.my4edu.com

JOB Description:

- Public Relations
- Contracts Coordination
- Marketing Direction

MAY 2010 – JAN 2012 Technical Director / Marketing Manager

PDMAN (M) And. Bhd.
Kuala Lumpur - Malaysia
www.pdman.com.my

JOB Description:

- Servers setup
- Business development
- Project Management and Solution provider

MAY 2009 – APR 2010 Design Engineer

IES resources Enterprise
Cyberjaya, Malaysia
www.iesresources.com

JOB Description:

- Research on new trends of technologies
- Design the new prototype of the electronic devices
- Develop the proper software for electronic chips
- Fabrication of the designed electronic circuit for pilot testing

FEB 2006 – DEC 2006 Research & Development Engineer

Marv Electronic Industrial Development
Mashhad - Iran

JOB Description:

- Research and Development of new technologies in the field of electronics
- High frequency circuits design
- Antenna Design

OCT 2004 – JAN 2006 Troubleshooting Technician

Marv Electronic Industrial Development
Mashhad - Iran

JOB Description:

- Test and troubleshoot microprocessor-based
- Provide technical support to engineering and manufacturing
- Provide basic troubleshooting training to production floor personnel
- Develop and maintain knowledge of SEL products and processes
- Implement department objectives under direction of immediate supervisor
- Model and apply SEL Values, Principles of Operations, and Manufacturing Principles

EDUCATION AND TRAINING**FEB – 2012 Master of Engineering Science – By Research**

Antenna Design for FMCW Ground Penetrating Radar for Density Evaluations
Multimedia University (MMU), Malaysia
www.mmu.edu.my

SEP – 2006 Bachelor of Electronic Engineering – Telecommunication

Sadjad University of Technology, Iran
www.sadjad.ac.ir

NOV - 2006 Specialist Diploma in Web Design and Development

ITEEE, Institute of Technology, Engineering and Economy Education
www.iteee.org

NOV - 2006 Professional Educator's Certificate – Teaching Computer Science
 Sadjad University of Technology, Iran
www.sadjad.ac.ir

PERSONAL SKILLS

Mother tongue(s) Persian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

PUBLICATIONS

The parametric study and fine-tuning of bow-tie slot antenna with loaded stub

MM Shafiei, M Moghavvemi, WNL Wan Mahadi

PloS one 12 (1), e0169033

2017

Antenna Tackles Wi-Fi and WiMAX

MM Shafiei, M Moghavvemi, WNL Mahadi

Microwaves and RF

2015

A compact slotted bowtie patch antenna

MM Shafiei, M Roslee

The 2009 International Symposium on Antennas and Propagation (ISAP 2009), 20-23 2

2009

Characterizing FR-4 Dielectric Constant Using Antenna Resonant Frequency.

PR Katiyar, MM Shafiei, WNLBW Mahadi

Microwave Journal 58 (5)

2015

Check Chirp Effects on FMCW GPRs

R Mardeni, MM Shafiei

Semiconductors

2020

Effects of low-powered RF sweep between 0.01-20 GHz on female Aedes Aegypti mosquitoes: A collective behaviour analysis

AH Poh, M Moghavvemi, MM Shafiei, CS Leong, YL Lau, ...

PloS one 12 (6), e0178766

2017

Compact CPW-fed bow-tie and triangle slotted antenna with wide impedance bandwidth characteristics

MM Shafiei, WNL Mahadi, M Moghavvemi

International Journal of ADVANCED AND APPLIED SCIENCES (IJAAS) 3 (10), 20-24

2016

Dielectric Characterization of FR4 Substrate Using Antenna Resonance Frequency Technique

PR Katiyar, MM Shafiei, WNLBW Mahadi

Microwave Journal 58 (5)

2015

Antenna design for frequency modulated continuous wave ground penetrating radar for density evaluations

MM Shafiei

PQDT-Global

2010

TECHNICAL SKILLS**IT & COMPUTER SCIENCE**

- **WEB DEVELOPMENT**
PHP
CSS
Java Scripts
MySQL
- **PORTAL & CMS**
Joomla!
WordPress
- **CRM & ERP**
Setup
Development
- **OPTIMIZATION**
Search Engine Optimization (SEO)
Content Curation
- **DIGITAL MARKETING**
Paid Campaigns
Native / Organic Leads

ELECTRONIC HARDWARE

- **Antenna Design**
Microstrip Patch
Ultra-wideband design
Array and beam steering
Corner Reflector Antenna
- **RF Circuit Design**
Microwave Printed Circuit Boards
Low Noise Amplifiers (LNA)
Synthesizers
- **Microcontroller basis Circuit Design (8051 Series / AVR / PIC)**
Security Systems
Temperature Control System (PID)
Robotic Applications
- **Digital Modulation Training Kit**
QPSK Modem training kit (Telecom Lab Equipment)
FSK Modem training kit (Telecom Lab Equipment)
- **Power Supply Design**
Switching power supplies (fly back & forward)
Multi-range / Tunable DC power supply

ELECTRONIC SOFTWARE

- Ansoft-HFSS 3D full-wave EM field - Antenna design – Antenna Analysis
- CST Studio Suit The electromagnetic simulation software - simulation of high frequency devices
- FEKO EM analysis - Antenna analysis - Antenna placement - 3D EM circuits
- MATLAB Simulink & Coding – Signal processing – System analysis and design
- VEE Pro Visual engineering system simulation
- ORCAD Electronic Circuits Design and Simulation - Printed Circuit Board (PCB) Design
- BASCOM BASCOM 8051/AVR – Microcontroller programming

PUBLICATIONS

Provided Upon Request