

PERSONAL INFORMATION

Mostafa Qalavand



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Sex Male | Date of birth 21/09/1989 | Nationality Iranian

PERSONAL STATEMENT

I'm looking for research opportunities in this fields:

Medicine - Neuroscience, Neurology and Animal behavior

Computer and Electronic Engineering - SSD and SQUID Sensors, Programming Simulator

Business - Economics and management, Logistics and Supply chain management

EDUCATION AND TRAINING

Feb 2015–Present

Veterinary Medicine - DVM Student

Islamic Azad University Karaj Branch, Karaj (Iran)

Feb 2013

Bachelor of Science in Computer Engineering (Software)

University of International Imam Khomeini, Qazvin (Iran)

C, PHP, Python Programming Machine Organization & Basic Systems

Algorithms and Calculation Digital Systems

Data Structures & Algorithms - Artificial Intelligence

Mobile ad-hoc Systems - Database Management Systems

Aug 2014

Certificate in Poultry Vaccines

Omid Iranian R&D Services Inc - University of Tehran, Tehran (Iran)

Jul 2014

Certificate in Emergency and Wound Management of Small animals

Omid Iranian R&D Services Inc - University of Tehran, Tehran (Iran)

Jun 2013

Certificate in Using Immunohistochemistry Techniques in Medicine and Veterinary Medicine with Emphasis on ELISA Method

Rastegar Reference Laboratory, Faculty of Veterinary Medicine University of Tehran, Tehran (Iran)

Feb 2013

Certificate in Security and Intrusion Protection Methods

Ashiyane Security Team, Tehran (Tehran)

WORK EXPERIENCE

Nov 2015–Present

Hematology Lab Assistant (Part time)

Iran Zamin Pet Hospital, Karaj (Iran)

- Mar 2013–Present** **Co-Founder**
 Skinod - Web Designing Agency

- Oct 2012–Jan 2014** **Programmer and Advisor – R&D (Part time)**
 Zaeim Electronics, Tehran (Iran)
 Developing algorithm for processing electronic cards
 Deploying mobile networks and designing cloud security gateways
 Reverse engineering programs and PCB and bug fixing
 UAV maintaining

- Sep 2011–Apr 2012** **Technical Operator (Intern)**
 Alborz Islamic Republic of Iran Broadcasting (IRIB), Karaj (Iran)
 Developing and modeling network for Internet TV
 Supporting mobile networks and live broadcasting
 Editing and mixing videos and clips
 Assembly PC and server

- Jul 2010–Oct 2010** **Computer Supervisor (substituent)**
 Social Security Organization (SSO), Karaj (Iran)
 Developed and implemented an operational database
 Network security services (Based on ISO/IEC 27002 protocols)

- Mar 2006–Mar 2009** **Researcher**
 Imam Khomeini Relief Foundation (IKRF), Karaj (Iran)
 Risk measurement modeling and management strategies
 Developing and working with detailed or complex A/L models and calculations
 Methods and different quantitative and qualitative approaches to researching

PERSONAL SKILLS

Mother tongue(s) Farsi

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Hebrew	B1	B1	A2	A2	B1
German	A2	A2	A1	A1	A2
Arabic	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Communication skills - Able to give and take instructions and maintain active listening during times of pressure.
 - Able to perform brainstorming

- Organisational / managerial skills** - Good team-leading skills gained as supervisor of Zaeem R&D division
- Job-related skills**
- Master of operational research (OR)
 - Proficiency with actuarial science with strong statistical modeling and data mining and problem solving
 - Proficiency with econometrics and structural equation modeling
 - Familiarity with various methods of urban and regional planning and general policy making in the social, economic, and welfare field
 - Understanding of complex design challenges and create solutions
 - Collaborate with business analysts to implement technological solutions to increase workflow optimization
 - Familiarity with medical science
- Digital competence**
- Programming Languages:** Java, Python, C++, C#, Erlang, Go, VBA, SQL, Perl, R
- Database Knowledge:** Oracle, Microsoft SQL Server, MySQL, MS Access
- Web Programming Knowledge:** Ajax, J2EE, ASP, PHP, Flash Action Scripts
- Graphical Software:** Photoshop, Illustrator, InDesign
- 3D/Video Editing Software:** 3D Max, After Effect, Cinema 4D, Premiere Pro
- Audio Editing Software:** iZotope (Ozone / RX)
- CAD/CAM/CAE/PLM Software:** AutoCAD, CATIA, Solid Edge
- GIS Software:** ArcGIS
- Statistics and Data mining Software:** IBM SPSS, SPSS Modeler, R, Minitab, Microsoft Excel, Qualitek
- Project Management Software:** Microsoft Project, Expert Choice, Primavera
- Game Engines:** CryEngine (EaaS), Unreal Engine, Havok (free)
- Other skills**
- A master of citrix xenapp and simulation API SDK
 - A master of debugging in IDE such as IntelliJ and Eclipse
 - A master of computer forensic science
 - Proficiency with reverse engineering
 - Proficiency with information security management system protocols
 - Proficiency with blueprints, cartography and plans such as structural and architectural and mechanical drawings
 - Proficiency with GeoBase SDK
 - Proficiency with Canon SDK
 - Familiarity with LIDAR
 - Experience with GPS and range finders and map reading
 - Familiarity with DSLR cameras and lenses
 - Experience about audio recording techniques
 - Familiar with aerology
 - Familiar with communications skills and radio discipline in flight

ADDITIONAL INFORMATION

- Projects** I'm currently working on this projects:
- Self-Powered artificial retina**
 - Investigating about evidence of animal mind**
 - Medical emergency training simulations by CryEngine**

Selected Publications

A Comparative Study of The Pattern of Antibiotic Resistance of Bacteria Isolated From Healthy and Diarrheal Pet Feces.

Qalavand, Mostafa.; Salehi Varbadi, Maral.; will be presented at the 3rd International Congress of Veterinary Pharmacology and Pharmaceutical Sciences, Shahrekord, Iran, May 25 2016

Evaluation of The Protective Effect of The Ginger and Thyme Extract on Hemorrhagic Necrotic Enteritis With Antibiotic Therapy in Dog Animal Model.

Qalavand, Mostafa.; Salehi Varbadi, Maral.; will be presented at the 3rd International Congress of Veterinary Pharmacology and Pharmaceutical Sciences, Shahrekord, Iran, May 25 2016

Primary Study About The Ability of The Domestic Cat (*Felis Silvestris Catus*) to Understand The Emotional State of Humans (Human Emotion) Through Perception Facial Emotional Expressions.

Qalavand, Mostafa.; Salehi Varbadi, Maral.; Bardshiri, Bahador.; will be presented at the 19th Iranian Veterinary Congress, Tehran, May 4 2016

A Resilient Economic Approach to Growth Progress of Veterinary Activities.

Qalavand, Mostafa.; will be presented at the 19th Iranian Veterinary Congress, Tehran, May 4 2016

A Blueprint Design for Determining Optimum Quantity of Exported Protein Materials in Alborz Province.

Qalavand, Mostafa.; will be presented at the 19th Iranian Veterinary Congress, Tehran, May 4 2016

Effects of Different Levels of Probiotic and Garlic on Biochemical and Immunological Parameters in Broiler Chickens.

Peighambarzadeh, S. Z.; Qalavand, Mostafa.; Mehranfar, Mojtaba.; Salehi Varbadi, Maral.; presented at the 5th International Veterinary Poultry Congress & Exhibition of Iran, Tehran, January 31 2016

References available upon request