

Resume

Personal Info

Full Name: Marwan Aladdin

E-Mail: m.aladdin@angstron.com **Website:** www.alaedin.com (Golden Web Award)

Cell: +1 (647) 831-7547 **Phone:** +1 (416) 236-7943

Scientific innovator with the ability to generate powerful ideas that help nurture corporate requirements. A strategic thinker with outstanding team work abilities. Able to manage several projects simultaneously, while empowering teams abilities towards research and development, motivating and guiding them towards better practices. Critical knowledge in various scientific and technological fields, providing the best analysis and implementation for different solutions in various industries.

Professional Experience

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| ❖ <u>Angstron Technologies</u>
▪ Co-Founder and President, Science & Technology | <u>Toronto, Canada</u>
<i>2009-Present</i> |
| ❖ <u>Emirates Hospital</u>
▪ IT Consultant | <u>Dubai, UAE</u>
<i>2006-2007</i> |
| ❖ <u>CosmeSurge</u>
▪ IT Consultant | <u>Dubai, UAE</u>
<i>2006-2007</i> |

Education

Doing his Undergraduate studies in Computer Engineering at University of Toronto. Finished part of his Computer Engineering program in the American University of Sharjah (AUS).

Scientific and IT Achievements

- ❖ USPTO Pending Patent in the field of Optics (Laser Steering Technology)
- ❖ Working on a research (as a team with his brother Hadi Aladdin) of a new theorem in Mathematics, that describes the Distribution of Prime Numbers.
- ❖ Invented (as a team with his brother Hadi Aladdin) a new theorem in Mathematics, that describes the Distribution of Prime Numbers. The theorem was approved by many experts in the field and they have stated that it would be a breakthrough in Mathematics science
- ❖ Developed (as a team with his brother Hadi Aladdin) many technologies, softwares and solutions such as:
 - Credit, Debit, Electronic, SMART Cards + Checks + E-Commerce Security Technology. (Technology contains Hardware & Software)
 - eGovernments Security Technology (Hardware and Software)
 - E-Learning Security Technology
 - Anti-Spam Solution
 - Found exploits in Yahoo!, MSN and Skype. Certificates were sent by some of the named companies as a proof
 - Xibens: <http://www.Xibens.com>
 - CentroFusion

Academic and General Achievements

- ❖ Obtained **Chancellor's Scholars Award of the American University of Sharjah**
- ❖ Obtained **Sharjah Islamic Bank (SIB) Research Honorable Award**, a prestigious award given to the most innovative student projects in the American University of Sharjah. The research was titled "A Theorem for Describing Distribution of Prime Numbers Using Inverse of the Summation of First N Primes" and was supervised by Dr. Ayman Badawi
- ❖ A nominee for **Hamdan Bin Rashid Al Maktoom Award for Distinguished Academic performance** - Distinguished Student Category
- ❖ Scored the first position on the UAE level (with his brother Hadi Aladdin) in the competition of the Piano Solo performing for the year 2001-2002. This competition was appraised by UAE Ministry of Education and Youth
- ❖ Scored the first position on the UAE level in the Superior & Talented Students competition at the UAE Ministry of Education and Youth for the year 2002-2003
- ❖ Certified Pianist by:
The Associated Board of the Royal Schools of Music (ABRSM) – London

Computer Engineering Skills

- C/C++ including Object Oriented Programming (OOP)
- Java Programming
- Motorola HC12 Micro controllers programming
- Visual Basic 6.0 and Visual Basic .NET
- PHP, SQL, HTML and Web 2.0 development
- Digital Systems Design and mapping into FPGAs
- Verilog Hardware Description Language (HDL)

Press Coverage

- ❖ **Newspapers and Magazines wrote about his achievements:-**
 - Arab Scientific News Agency
<http://www.alaedin.com/press/asna.pdf>
 - Al-Bayan Emirate Newspaper
 - Al-Khaleej Newspaper
 - Kul Al Osrh Magazine
 - Khaleej Times Newspaper
http://www.khaleejtimes.com/DisplayArticleNew.asp?section=theuae&xfile=data/theuae/2006/april/theuae_april293.xml
 - PC Magazine
 - Teshreen Newspaper
 - Al Baath Newspaper
 - Al-Rakameiat Magazine
- ❖ **TV and Radio Channels talked about his achievements:-**
 - Radio Canada International (Arabic Version)
<http://www.alaedin.com/press/rci.zip>
 - DW-Radio (German Radio) (Arabic version)
<http://www.alaedin.com/press/dwradio.zip>
 - Sama Dubai
 - Abu-Dhabi Radio
 - Sharjah Radio
 - Syrian Arabic Television

PC Magazine Middle East wrote:

"Two guys develop a Secure E-Learning System!"

"(About the E-Learning System)..... As about the Credit Card project.. even if the hacker had the Card and all the secret info about the owner.. he can't steal anything from this account or buy anything using this Card. It makes E-Commerce - Banks - Super Markets - Malls secure. The two brothers didn't reveal any other details, so let's wait and see!"

You can download Press.zip: <http://www.alaedin.com/press.zip>

Web Design and Development Portfolio

- ❖ Web Forums (Message Boards) installation, administration and moderation
- ❖ Content Management Systems (CMS) development, installation and maintenance (Joomla and others)
- ❖ VitaSurge Official Website
- ❖ CHASLU – Dubai Wellbeing Center
- ❖ Ahmed Bukhatir Emarati Singer's Official Website
- ❖ Emad Alaeddin's Personal Website
- ❖ Shuhaimi's Personal Website (Dean of Admission and Scholarships in the American University of Sharjah)
- ❖ Syrian Ophthalmology Society's Official Website
- ❖ Syrian Business Council in Dubai and Northern Emirates Official's Website
- ❖ Issam Abou Laban Establishment for Ophthalmic Equipments

Activities

- ❖ A 2-hour piano concert in the American University of Sharjah, 4th of February, 2007. International pieces (Piano Solo and Duet-4 Hands) for well known composers such as Beethoven, Mozart, Chopin, Bach, Liszt and Aram Khachaturian, were performed by Hadi Aladdin and Marwan Aladdin. The program contained some of our musical compositions which were top rankers on the UAE level.

Videos of my piano performance could be found at YouTube:

<http://www.youtube.com/user/AladdinBrothers>

Speeches and Seminars we have presented

- ❖ Web Hosting and E-Commerce Technologies
- ❖ Electronic Music Programming "Under the 2nd Conference For Educational Activities"
- ❖ SecuDT.. The new means of Multimedia Security
- ❖ SecuLearn..Best E-Learning Security Practice

References and Recommendations

Available upon request