












SARMAD MAKHDOOM

FREELANCE SOFTWARE ENGINEER

INFO

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SOCIAL

-  **Skype**
im@sarmad.me
-  **Twitter**
twitter.com/sarmadmakhdoom
-  **LinkedIn**
linkedin.com/in/sarmadmakhdoom
-  **Facebook**
fb.me/sarmadmakhdoom
-  **GitHub**
github.com/sarmadmakhdoom



WORK EXPERIENCE

-  2016 - NOW **EerCast Inc**
Chief Technology Officer
Working with Eercast on their live streaming marketplace "SellCast". Core responsibility includes providing assistance in solution building, mobile and web development, design and maintaining system, provide low latency live video streaming solution.
-  2010 - NOW **Freelance Development**
Working as a freelance programmer on UpWork, vWorker and Freelancer. Major areas of working are websites, desktop applications and mobile development. Developed lot of websites, mobile applications, small to medium level solutions for 100s of clients across different platforms.
-  2015 - 2017 **Chillax Corp**
General Manager, App Development
Worked with Chillax as a freelance programmer. Chillax is KSA based company for iPhone and Android app development. Developed an iPhone and Android application AidMaid "a personal assistant for emergency" from papers to users devices.
-  2011 - 2013 **www.WebDynamics.ws**
Web Programmer
Worked with Web Dynamics as a lead programmer for website projects. Responsibilities include implementing backend to their web application using ASP .NET and SQL Server. Major projects are Kip America (kipamerica.com), Azon Equipment (azonequipment.com) and SCP Software (scpssoftware.com).
-  2008 - 2009 **DisplayPower**
Web Developer
Create, update and maintain websites for DisplayPower using CSS, HTML, JavaScript, XML and ASP .NET. Provided technical support for usability and critical site issues.



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EXPERTISE

Energetic software engineer with 7+ years experience developing robust code for high-volume businesses. Took multiple apps to the app stores just from idea. An enthusiastic team player and deep creative thinker.

SOCIAL

 Skype
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EDUCATION



2012 - 2014 **Computer Science, Masters of Science**
Lahore University of Management and Sciences, Pakistan
GPA: 3.68/4.0
Dissertation: Incremental symbolic execution using ranged analysis in KLEE ([pdf](#) | [slides](#))
Advisor: Junaid Haroon Siddiqui



2008 - 2012 **Computer Science, Bachelors of Science**
Comsats Institute of Information Technology, Pakistan
GPA: 3.87/4.0
Dissertation: Implementation of Autonomous Quadrotor with Dynamic Path Planning and Adaptive Control System ([pdf](#) | [slides](#))
Advisor: Tauseef Gulrez and Imran Raza



RESEARCH

[1] S. Makhdoom, M.A. Khan, J.H. Siddiqui. Incremental Symbolic Execution for Automated Test Suite Maintenance. 29th IEEE/ACM International Conference on Automated Software Engineering (ASE 2014) Page 271-276 ([pdf](#) | [slides](#))



AWARDS & ACTIVITIES



2013 Google Student Ambassador at LUMS
Active participant and contributor at Google Developer Group Pakistan



2012 Campus Gold Medalist and Chancellor Gold Medalist in CIIT 2012



2011 Secured 3rd Position in Code Spree 2011, PUCIT Lahore 2011 Winner of Comspec'11 in Programming Competition, CIIT Lahore



2010 Winner of Comspec'10 in Programming Competition, CIIT Lahore
Presented Autonomous Quadrotor in Frontier Information Technology (FIT), CIIT Islamabad
Presented Quadrotor Simulink & Virtual Reality in VisioSpark, CIIT Wah
Volunteer, ACM Chapter CIIT Lahore



2009 Runner up Techno Moot 2009 in Speed Programming Competition, CIIT Abbottabad
Runner up VisioSpark 2010 in Speed Programming Competition CIIT Wah