HASNAIN LAKHANI

DEVELOPER, ENTREPRENEUR

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Profile

Interested in theoretical research to advance the pinnacle of knowledge, as well as building something to help the masses.

Open Source

QuranApp.net

Web Application that allows users to create document collections of various Quranic Ayats.

mhlakhani.com

Source code for this website and blog.

Technical

Languages	Frameworks	Platforms	Libraries
Python	Flask	Web	SQLAlchemy
C++	Django	Samsung Bada	Reportlab
C#	wxPython	Windows	BeautifulSoup
Java	WinForms	Linux	xhtml2pdf

Software	Databases	VCS	Misc
gVim	MySQL	Git	PDF Generation
Visual Studio	Postgres	Bazaar	Scripting
Eclipse	MS-SQL	SVN	Excel Automation
Netbeans	Redis	Mercurial	MATLAB

Experience

Anahata Solutions
CTO
2010 - Present

Developing a line of applications for the Samsung Bada platform. Creating a distributed analytics solution. Writing web service back-ends for Android applications. Making strategic business decisions. Managing a team of developers.

Lahore University of Management Sciences
Teaching Assistant, Discrete Mathematics
2011

Holding tutorials and office hours. Grading assignments and quizzes. Handling administrative activities.

Pakistan International School
Software Developer
2009

Developed the admission registration system as part of a school project; utilizing MySQL, Python, wxPython(GUI) and reportlab(PDF generation) to allow users to manage the registration process efficiently.

Saudi Business Machines
Software Development Internee   2008

Testing new software and writing feasibility reports. Attending external conferences to explore new technologies and report on them. Basic training in WebSphere, WSDL and SOAP web services.

Education

School of Science and Engineering, LUMS, Pakistan   2013
BS in Computer Science — **3.86 CGPA, 4.00 SCGPA**

Pakistan International School, Riyadh, Saudi Arabia   2009
A Levels with 4 As in Mathematics, Physics, Chemistry and Computing

Awards

Speed Programming Competition, GIKI Softcom '10   2010
Winner

IEEE National CodinGuru '10   2010
Third Position

Intra-LUMS CodinGuru '09   2009
Third Position

Academic Interests

Algorithms	Data Provenance	Artificial Intelligence	Compilers
Discrete Mathematics	Distributed Systems	Machine Learning	Functional Languages

Projects

Steganography with mazes in MATLAB

Firefighting robot using DTMF

School Admission Registration System

Bulk Image Badge Generation System

PDF Reportcard Generation System