

## Objective

To obtain a full time software development position that utilizes my programming skills and offers personal growth.

## Educational Qualifications:

### Institute of Business Administration, Karachi

Bachelors of Science in Computer Science GPA 3.60/4.00

(Sept 2010 - Expected Grad: Jun 2013)

### University of Texas at Austin

Bachelors of Science in Computer Science

(Aug 2006 - Dec 2008)

## Elective Courses

Computer Vision, Mobile Application Development, Web Application Development, Business Intelligence, Computational Intelligence, Computer Network Security, Data Warehousing, Introduction to Microcontrollers, Linux Systems, Modeling and Simulation, Human Computer Interaction, Advanced E-Commerce, Masterworks of Literature, Introduction to Philosophy, Principles of Microeconomics, Principles of Accounting, Principles of Marketing, French Language.

## Published Papers

- Primary author for a paper on the "Use of Collaborative Technologies for Building an Autonomous Unmanned Ground Vehicle (UGV)" which was accepted at the FTCom Conference 2012.
- Co-Author for a paper on "The IEEE RAS at UT Austin present BlastyRAS" – an Unmanned Ground Vehicle Project.

## Work Experience

- Aug 2012 – Current    Entrepreneurial venture into Unmanned Vehicle Technologies for private investors  
*Self-driving cars using navigation and obstacle detection and environmentally aware robots are in our not too distant future in developing countries for military, industrial and consumer grade robotics.*
- Jan 2012 – Aug 2012    Lead Android and Windows Mobile Developer at iKnowl Inc.  
*Developed Educational Apps using native code, AWS for hosting and web services.*
- Jun 2011 – Aug 2011    Security Systems Developer for Precision Technologies – Biometric and RFID
- Sep 2011 – Current    Edhi Ambulance Tracking project  
*Developed a web front end utilizing Google Maps for real-time and historical tracking, Desktop server application to manage communications over sockets and SMS.*
- Jun 2011 – Jul 2011    Library Systems developer for Froebel Education Center  
*Developed a user-friendly system for cataloguing over 50,000 books to date.*
- Mar 2009 – May 2009    Intern at ICIL PK – HR System, introduced staff to profiling, versioning and Linux
- Jun 2008 – Jul 2008    Intern at SI3 – Load Testing for Dawn and RFID attendance system
- Jun 2006 – Jul 2006    Intern at Toyota Indus Motor Company – Market Analysis
- Jul 2005 – Aug 2005    Intern at Toyota Indus Motor Company – Corporate Planning

## Extra-Curricular Activities

- Junior Officer for the UT ACM – coaching students in Core programming Courses
- Vice President for the IEEE UT Robotics and Automation Society
- Junior Officer for the IEEE UT RAS - Membership Management and Recruitment
- Head Mentor for Huntington-Surrey High School (3 awards) - BEST robotics competition 2007
- Mentor for Anderson High School – FIRST Robotics competition 2007
- Prolific reader of good books. Enjoy regular tennis and TV shows.
- Third place in the Intermediate tennis course at UT Austin in 2007.
- Track Relay team, baseball pitcher, javelin and house cricket team at KGS for multiple years

## Other Information

- Language Proficiency in C# and Java (w.r.t. Android). Familiar with Javascript, Java and C.
- Technology Proficient in Windows Forms, ASP.Net, Android, Windows Mobile, Microcontrollers and SMS servers.
- Software Proficient in Visual Studio, Eclipse, Netbeans, Debian Linux (incl. variants – Ubuntu, Mint), MySQL Workbench, Microsoft Business Intelligence Tools, Pentaho, GIMP and LoadRunner. Familiar with Weka.
- Cambridge A Levels – July 2006 – Karachi Grammar School: 1A, 3B's, 1C
- Cambridge O Levels – July 2004 – Karachi Grammar School: 5A's, 3B's, 2C's



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