Puneet Goyal

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EDUCATION

Program	Institution	%	Year
B. Tech.: Software Engineering	Delhi Technological University, New Delhi	72.7%	2013
XII	Upras Vidyalaya Public School, New Delhi	85.6%	2009
X	R.B.D.A.V. Public School, Bathinda	85.8%	2007

PROFESSIONAL EXPERIENCE

- **Atimi Software – Software Developer**   **Sep 13 - present**
  - **Gogo Air –** iOS application to encourage and facilitate the purchase and use of inflight internet and other media using Objective-C
    - Created in-app purchase with a bypass session and a novel puzzle based captcha screen
    - Implemented a rewards program through a cloud popping game
    - Developed a flight tracker using core location and MKOverlay classes
  - **Visually Verified –** iOS application to capture, organize and share photos within a business network using Objective-C
    - Created a context data viewer to manage (view, create, select, search, sort, reset, help) different photosets, categories, subcategories, tags, assigned users and notes
    - Developed upload manager for smooth transmission of photos with context, compass & GPS data
    - Handled push notifications on the creation of new photo or photosets or any server triggered push
    - Designed offline login with SHA encryption
  - **NYSE Cam -** Secure twitter client that allows visitors post an image to twitter using Objective - C
    - Worked on a custom AVCapture View controller to capture and edit the photos
  - **FUGU –** iOS Mobile Framework on Swift to provide a stable, reliable and a more customizable application for sports teams
    - Implemented interfaces for gamedays and tournaments with its feed coming in json format

PROJECTS

- **SMS Assassin,** under Prof. Ponnurangam Kumaraguru and Kuldeep Yadav, IIIT - D   **Jun 12 - Mar 13**
  - Android application to classify various SMSes into different categories using TF-IDF Values
- **Google Summer Of Code 2012,** mentored by Mr. Daniele Elmo Dominichelli   **May 12 - Aug 12**
  - **Enhancement of peer-to-peer DBus Tubes for Telepathy DBus Tubes on KDE Framework**
  - Implemented interfaces and adaptor classes for Peer, Object Manager, Error Control with multi-user support
- **BULLS & BEAR**   **Sep 11 - Oct 11**
  - Developed a web app on dynamic online stock market simulation game using PHP with c.720 participants
- **Season Of KDE 2011,** under Alvaro Soliverez, Thomas Baumgart and Klaas Frieta   **Jun 11 - Aug 11**
  - Developed an interface between the database on the local machine and the D-Bus using QT framework for personal finance management software so that change in one software gets reflected in others
- **N-Gram Driven SMS Based FAQ Retrieval System**, under Asst. Prof. Manoj Kumar, DTU   **Apr 11 - Jun 11**
  - Handled the inconsistencies caused by human tendency to use abbreviations and shortcuts in texting (SMS)

TECHNICAL SKILLS

Languages: Objective-C, Swift, C, C++, JAVA, Python, PHP, Qt, HTML, CSS, Javasript, AJAX
Platforms: Android, iOS, Web
Databases: MySQL, SQLite
Source Code Management: Git, SVN

TALKS

TOPIC	OCCASION	TIME	PARTICIPATION
Web Development	Techweek 2011	Aug 2011	~110 participants
Web Development	Techweek 2010	Aug 2010	~120 participants
Web Development	SIG	Sep 2010-Feb 2011	~60 IEEE student members

*Workshops were held in DTU

**Workshops were meant to explore the various means available to develop a creative website

WEB DEVELOPMENT

- Developed a portal ieee.dcetech.com for the IEEE REGION 10 website competition providing information for the IEEE branch of DTU   **Mar 11**
- Developed a quizzing interface for two online events 'Ether Avatar' and 'Panache'   **Feb 11,12**
- Developed the portal troika.dcetech.com for providing information regarding the fest   **Feb 11, 12**

POSITIONS OF RESPONSIBILITY

- **Treasurer** and **Head, Web Development** of IEEE DTU Student Branch   **Jul 12 - Jun 13**
  - **Web Administrator of dcetech.com** with c.12000 registered users
- **Head, Web and Event Management** - International Symposium on Standards in Engineering and Technology (4th - 6th Oct, 12) with a participation of c.1200   **Apr 12 - Oct 12**
- **Chief-Organizer** - Troika 2012 (annual technical festival of IEEE DTU) with a participation of c.9000   **Feb 12**
- **Chief-Organizer** - TECHWEEK-2011, 13 workshops were conducted on different technical topics   **Aug 11**

OTHER ACHIEVEMENTS

- Recipient of **Dr. J. K. Pal Award** for outstanding contribution to IEEE Delhi Section Level activities   **Nov 12**
- Placed 5th in **RMO (Regional Mathematics Olympiad)-2008, Delhi**   **2008 - 09**
- Represented my district at **State level in Chess**   **2003 - 2004**
- Won software competition (Envision) in Troika 2011 by developing an Image steganography software