

AVI MEHTA

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OBJECTIVE

Seek to work in a design and development setting - to create new technologies and improve existing ones – by the application of my knowledge and skills in software engineering, computer graphics and data visualization.

ACADEMIC BACKGROUND

M.S. in Computer Graphics & Visualization	Dec 2008 (<i>expected</i>) GPA: 3.75	University of California, Irvine	Design & Analysis of Algorithms, Computer Graphics, Digital Image Processing, Machine Learning
B.Tech. in Information and Communication Technology	Jun 2007 GPA: 3.51	Dhirubhai Ambani Institute of Information and Communication Technology	Software Engineering, Computer Vision, Operating Systems, Pattern Recognition, Computer Networks

SOFTWARE SKILLS

Programming Languages	C,C#, Java, PHP, Python, JavaScript, HTML
Tools	Matlab, Adobe Flash, OMnet++
Databases	mySQL, Oracle
Others	CSS, AJAX, JSON and various other web technologies

EXTRA-CURRICULAR ACTIVITIES

Microsoft Imagine Cup World Finals, South Korea (2007)	Under the Software Design Invitational, conceptualized, designed and developed comprehensive software to aid students and researchers store, visualize and search handwritten, typed, scanned and online material.
Google Summer of Code (2006)	Designed and developed a plug-in for Drupal (CMS) to help users create online forms through a web-based interface.
IBM INVITE (2005)	Developed a web portal, Kala Academy, providing content management functionalities for artists to exhibit creations & network with other users.
Dhirubhai Ambani Developers Program, URP (2004)	Led a team of students for Reliance Infocomm to develop a J2ME-based mobile application allowing users track missed calls when out of coverage.
Software Developer, Development Seed (2006)	Worked on application of latest technologies for better usability of content browsing and viewing in Drupal.
Technical Editor, Entelechy (2006)	Responsible for editing the technical sections of Entelechy, the college magazine published by the Press Club, DAIICT.
Founder, French Club (2005)	Organized classes & events at DAIICT along with Alliance Française.

CURRICULAR PROJECTS

On-line Devnagari Handwriting Recognition	Researched & developed a software application involving human motor function-based vector matching for devnagari character recognition.
Software Project Management	As project manager, coordinated and supervised a team of ten students to develop of an intranet system for campus communication.
Digital Image Watermarking	Investigated various techniques for insertion, detection and removal of watermarks from images.
Embedded Systems	Developed a GPS based navigator to help fishermen locate fish-rich areas.