Aditya Kappagantula

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Work Experience

- **Web Application Development Intern, Cymer [An ASML Company]** Jun'14 – Aug'14
  - Designed and developed Employee Training Tracker and Graphical Index for a software manual
- **Qualcomm – Lavin Center, Social Entrepreneurship Intern** Mar'14 – Jun'14
  - Developed a content rich website and modified the design as per client requirements
- **Freelance Website Developer, Edulix.com** Dec'13 – Mar'14
  - Redesigned the home page to incorporate database driven graphical search engines
- **Software Developer, Knolskape** Jul'11 – Jul'13
  - Designed and Developed single page web applications to train INSEAD B-school students and corporate managers
- **Intern Software Developer, Knolskape** Dec'10 – Jun'11
  - Developed a software game to train employees in answering customer queries using a website

Education

- *San Diego State University, San Diego, USA* Expected, **May' 15**
  - **Master of Science in Computer Science** **G.P.A: 3.73/4.00**
- *VIT University, Vellore, India* **June' 11**
  - **Bachelor of Technology in Information Technology** **G.P.A: 3.69/4.00**

Course Work

| Software Engineering | Advanced Object Oriented Programming & Design | Data Structures & Algorithms |

| Multimedia & Web Technologies | Spatial Databases |

Skills and Experience

- *Programming Languages:* Java, HTML, CSS, JavaScript, JQuery, PHP, ActionScript and Adobe Flex
- *Server Management Skills:* Amazon Web Services, CENTOS and WAMP/LAMP
- *Databases and Softwares:* MySQL, Sharepoint, Adobe Photoshop, Github, Subversion and Wordpress
- *Other Experience:* Project Management, Requirement Analysis , Database Design, Wireframing, Agile Development, Debugging, Single Page Web Applications, Web Design and Development, User Interface & User Experience Design

Projects [Academic], [Work], [Websites]

- An Object Oriented Banking Project using SmallTalk, San Diego State University, 2013
- An Object Oriented Heap Data Structure using Java, San Diego State University, 2014
- **Finance Simulation –** An online course in Financial Knowledge learning and assessment
- **Accounting Simulation –** An interactive online Double Entry System learning software
- **Price Right –** An online multiplayer, Strategic Airline Pricing War game
- **Ararat Case Study –** A software to track the approach in solving a Case Study using mind mapping
- **Volvo Simulation –** An online game to train employees in answering customer queries using a website
- http://www.edulix.com – An end to end crowd sourced website/portal to support Graduate Studies aspirants
- http://bit.ly/adityak - My personal website
- http://www.emncstrategies.com
- http://live.knolskape.com/pricing-sim/user?guest=1

Research

- Co-authored a paper with Prof. P.Kalyanaraman in International Journal For Advanced Research In Computer Science
  - Title: Automation of Attendance Posting System Using Messaging Services in Mobiles
  - Topics covered: Elliptic Curve Cryptography and Application Oriented Design

Extra Curricular Activities

- Design Lead for 5th Pillar and Sahiti student clubs at VIT University, India during 2009-11
- Event Organizer for KILL ME & CHITRAMALIKA - Riviera'10, VIT University, India 2010
- Speaker at a Hands on Workshop on Adobe Flash Professional
- **REFERENCES AVAILABLE UPON REQUEST**