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EMPLOYMENT

Application Software Dev. **Akamai Inc., India** **Jul 2012 – Jul 2013**

Akamai Invoicing System

- Migration of the entire end of month billing process from local Oracle DB based application to Cloud based application on the force.com platform.

Computer Scientist, Intern **Adobe India, Pvt, Ltd.** **Jan 2012 – Apr 2012**

- Project is based on the principles of gamification and Interactive 3D Interfaces to enhance the experience of sharing content online and ultimately allows products to be marketed through social media.

Teaching Assistant **University of Wisconsin - Madison** **Fall 2013 – Present**

- Courses: Introduction to Programming (Java), Web Programming (Ruby on Rails), Intro to Databases

SDE Intern **Amazon.com** **Summer 2014**

- Spring MVC application.

EDUCATION

Madison, WI, USA **University of Wisconsin - Madison** **Fall 2013 – May 2015**

- M.S. in Computer Science, May 2015(expected). GPA: 3.88 over the course of 2 semesters
- Graduate Coursework: Advanced Algorithms; Artificial Intelligence; Machine Learning; Advanced topics in DBMS; Computer Vision; Natural Language Processing; Computational Cognitive Sciences

Bangalore, Karnataka, India **PES University** **Sept 2008 – May 2012**

- B.E. in Computer Science, May 2012. Major GPA: 9.71/10 (awarded gold medal for highest GPA)
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Natural Language Processing; Sematic Web; Object Oriented Modeling and Design; Linear Algebra

TECHNICAL EXPERIENCE

Projects

- **Movie Recommendation system** (2011). Recommender algorithm built using the GroupLens dataset, which determines similarity between users to provide better recommendations. JDBC, MySQL, JSP
- **Power Grid Contingency Analysis** (2011 – 2012). Load balancing among various resources in the power grid in case of multiple system failure simulated on a multicore system to observe the speed-up before testing it on a highly parallel architecture such as GPU. C, C++, OpenMP, CUDA
- **Structure From Motion (Paper submitted to NIPS '14)** (2014). Enhance the accuracy of object matching among multiple images of the same underlying scene and ultimately use this to reconstruct a 3D model of the scene. C, OpenCV, Matlab
- **Handwritten digit recognition** (2014). Trained a deep neural network to classify handwritten digits into one of 10 classes (digit 0-9) and achieved an accuracy of 98%. Matlab/Octave

Languages and Technologies

- C++; C; Java; Racket (Scheme); SQL; JavaScript; ML; Python; Ruby
- Eclipse; MySQL; Oracle DB; Amazon AWS