Gautam Bhat

89 Chester St Apt C4, Allston MA 02134 | gautam@bu.edu | (857)272-4311

OBJECTIVE

To secure a full-time job where I can apply my knowledge of computer science to solve challenging real-world problems.

EDUCATION

Boston University, Graduate School of Arts and Sciences   Boston, MA
M.S. in Computer Science, GPA: 3.75/4.0   (Expected graduation: May 2017)

Shiv Nadar University, School of Engineering   India
B.Tech in Computer Science and Engineering, GPA: 7.45/10   June 2015

RELEVANT SKILLS

Proficient in: Python**,** PHP, Javascript, HTML, CSS, SQL, jQuery
Familiar with: C++, Java, Matlab, NoSQL, Scikit-learn, Git, AngularJS

WORK EXPERIENCE

Research Member   August 2016 – Present
Learning, Intelligence, + Signal Processing (LISP), Boston University
- Working on computer vision problems using deep learning techniques, in collaboration with affiliates of Boston University and Draper Laboratory.

Teaching Assistant   May 2016 – Present
Department of Computer Science, College of Arts and Sciences, Boston University
- Worked as teaching assistant and grader for three courses, including graduate-level Machine Learning.
- Assisted the instructor in planning and preparing course material.
- Instructed two lab sections over the summer, and three in the fall, by preparing lab material and code, leading discussions, and holding office hours to help students understand concepts outside of class.

Software Developer (Intern)   May 2014 – October 2014
ColoredCow Consulting, Gurgaon, Haryana, India
- Worked in the back-end development of an online social portal for chefs looking to host parties and events, using Laravel framework for PHP.

Summer Intern   May 2013 – July 2013
NCR Corporation, Gurgaon, Haryana, India
- Created an 'Expert Locator' web application and integrated it with LinkedIn APIs.
  - Application served as a skills repository for employees in the corporation world-wide.

RELEVANT PROJECTS

- Implemented a single-hidden layer feedforward neural network for poker hand classification, achieving 94.8% accuracy, and used it to devise a playing strategy against human opponents.
- Designed, implemented and documented a database system for a web-based photo social sharing application, as a part of a course project.
- Worked on a research project in graph theory, "Detecting and Analyzing Communities in Social Network Graphs for Targeted Marketing", by computing graph statistics on self-prepared datasets to find most influential nodes in a social network community, and the least number of nodes to quickly propagate information through the network.
- Created an interactive fantasy soccer web application for the intra-university soccer league, with 20% of all students registering with the app within 24 hours.
- Made a music management utility for bash shell, to search music, create playlists, and play songs via VLC extension, as a part of a course project.
- Worked on a project to build a search engine using Python and MySQL.
- Utilized socket programming in Java to create a text-based chat applet that establishes connections through IP addresses on campus.
- Developed a conference room booking web application for the university administration.

EXTRACURRICULAR ACTIVITIES AND HONORS

- **Captained** intra-university soccer club, winning Gold in tournament. (2013)
- **Founded** university music society, serving one term as **vice-president.** (2012-2013)
- Did 27 hours of community service, teaching underprivileged children. (2010)