SHAURYA ARORA

2700 Waterview Parkway Apt 4931, Richardson TX 75080
shaurya.arora1@gmail.com ▪ 214-202-2404 ▪ http://shaurya.me/

OBJECTIVE: Seeking a challenging internship for Summer 2015 where I can utilize my skills in object-oriented programming, front-end development, and databases to solve real-life problems

EDUCATION:
B. S. in Computer Science — GPA: 3.987
The University of Texas at Dallas, Richardson, TX — Expected: May 2016
Academic Distinction Scholarship Recipient

TECHNICAL SKILLS:

Programming Languages	Java, HTML, CSS, JavaScript, C++, C#, SQL
Libraries/Frameworks	jQuery, BootStrap, marked
Industry Tools	Git, Atlassian JIRA, Atlassian Confluence

WORK EXPERIENCE

Program Manager Intern — May 2014 – Aug 2014
Microsoft Corporation, Redmond, WA
- Developed the .NET Feature Catalog website using BootStrap, jQuery and marked
- Collaboratively drafted spec for the "One .NET" feature – the future vision for the framework

Math and Physics Tutor — Jan 2013 – Present
UT Dallas Math Lab, Richardson, TX
- Assisted college students in advanced and basic math and physics courses on walk-in basis
- Interacted with about 20 students per day, effectively explaining concepts and methods

ACADEMIC PROJECTS

Restaurant Simulator (C++) — C++ Programming in UNIX — Spring 2014
- Simulated activities at a restaurant such as table assignment, ordering, serving and payment
- Extensively utilized dynamic memory concepts for high memory efficiency in UNIX environment

RC Helicopter Flight Simulator (Java) — Computer Science II — Spring 2013
- Designed and developed Java application to simulate flight of remote-controlled helicopter
- Created GUI objects and Listeners to synchronize joystick movements with helicopter's position

ELECTIVE COURSES

Computer Animation — Fall 2014
- OpenGL programming in C/C++. Developed application to draw skeleton of wasp and render skin using Forward Kinematics algorithms. User can play animation, choose arbitrary joint, change degrees of freedom.

Artificial Intelligence — Spring 2014
- Heuristic-based and greedy search algorithms, logical inference using knowledge base, zero-sum and non-zero-sum games. Implemented and demonstrated above concepts using Java programs and sample data.

MEMBERSHIP AND ACTIVITIES

Director of Industry Affairs, ACM of UTD — Apr 2014 – Present
CodeBurners Programming Competitions, UT Dallas — Sep 2012 – Present
Microsoft Windows Phone 8 App Development Workshop — Aug 2013

WORK AUTHORIZATION: F-1 Visa