Dhruv Rastogi

Daniels Hall 1010 W. Green St. 0456B Urbana, IL 61801 (UIUC)
626-676-5824 | drastog3@illinois.edu | http://2dhruvrastogi.github.io/

Education

Bachelor of Science in Computer Science, University of Illinois at Urbana-Champaign   **May 2017**

Relevant Coursework:

- · Introduction to Computer Science
- · Computer Architecture
- · Discrete Structures
- · Data Structures
- · Database Systems (current)

Technical Skills

· Programming: C#, .NET Framework, JavaScript, jQuery, KnockoutJS, Java, HTML, CSS, C++, and C
· Tools: Visual Studio 2013, SQL Server, Eclipse, and Microsoft Visio

Technical Experience

The Dow Chemical Company, IL - Systems Engineer Intern   **Apr 2014 – Present**

Raw Image Extraction:

· Working on an algorithm, using C#, to allow images to be scaled proportionally based on user input
· Making sure all images are compatible and safely transferred to Azure Cloud

Image Loader:

· Identified and fixed bugs so that the application, written in C#, would work successfully
· This application allows users to upload images into the database

Image Transfer:

· Re-wrote and enhanced an application that transfers data from one SQL database to another SQL database
· Converted the application from VB.Net to C#
· Enhanced the application e.g. validate users' SQL connection, perform image manipulation before transferring images, create debug logs for future testing and production support
· Reviewed existing SQL stored procedures and made changes to fix issues
· Documented all functions in detail and created workflow diagrams using Visio

Nexval Inc, FL - Intern QA Tester   **Jun 2012 – Aug 2012**

· Created and executed test cases to identify bugs in VQ Audit – a quality control product of Nexval Inc.
· Conducted reviews of the findings following the Software Development Life Cycle (SDLC)
· Re-tested all the bugs to make sure that they have been fixed

Technical Projects

Classroom, IL - Software Engineer   **Sep 2014 – Present**

· Build a platform that allows students to easily collaborate, share notes, and create study sessions
· Using MySQL to store student accounts and courses while using Firebase to allow students to chat
· Provide synchronization with Google Calendar and SMS/MMS options in order to synchronize with class schedules and reminders for upcoming deadlines

Arganaut, IL - Software Engineer   **Sep 2013 – Oct 2014**

· Created the website using .NET Framework to capture customer's requests regarding technology products
· Created database design and wrote SQL code in SQL Server to store and retrieve information
· Developed algorithms to email information to customers in an automated fashion

Relevant Activities

Association for Computer Machinery, UIUC - Member   **Sep 2013 – Present**

· SigMIS group where I am learning the use of distributed computation frameworks and distributed databases
· WebMonkeys SIG group where I learned to implement my skills on web development using .NET Framework