Dhruv Rastogi

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LANGUAGES
C#
.NET Framework
Python
Java
HTML / CSS / JS
C / C++
Node.js
KnockoutJS
Swift
PHP
AJAX
jQuery

DATABASES
SQL
Postgres / MySQL
MongoDB
Neo4J

TOOLS
TFS
Visual Studio 2013
SQL Server
Microsoft Visio
JMeter
Swagger UI
Eclipse
Fiddler

COURSES
Computer Architecture
Discrete Structures
Data Structures
Database Systems
Systems Programming
Algorithms (Present)
Distributed Systems (Present)
Programming Studio (Present)

EDUCATION
***B.S. Computer Science* – University of Illinois**
Champaign, IL – Aug 2013 to May 2017

EXPERIENCE
***Software Engineering Intern* – Knobull**
Providence, RI (Remote) – Aug 2015 to Present

***Software Engineering Intern* – Intelligent Medical Objects**
Champaign, IL – May 2015 to Present
- Developed different phases of C# RESTful Web APIs in an agile environment to receive customer's medical terms and send back IMO's equivalent medical terms and other related data
- Developed C# application that parses JSON file into a flat file and stores the JSON contents into the database and notifies the team
- Researched, implemented, and taught full-time employees the usage of SwaggerUI, class libraries, email client, and JMeter in Web APIs
- Created and executed unit, system, and performance testing

***Internal Consultant* – Innovation Immersion Program**
Champaign, IL – Feb 2015 to May 2015
- Evaluated Tableau and HEInnovate Software to see if it can meet the needs of a data project

***Systems Engineer Intern* – The Dow Chemical Company**
Champaign, IL – Apr 2014 to Dec 2014
- Developed C# application to retrieve and manipulate images and transfer them into multiple different databases
- Enhanced an existing C# application to successfully load images into user's specified database
- Worked on C# application that safely transferred compatible images to Azure Cloud, which were scaled proportional to user inputs

***QA Tester Intern* – Nexval Inc.**
Davie, FL – Jun 2012 to Aug 2012
- Created and executed 50+ test cases to identify bugs in VQ Audt – a quality assurance product of Nexval Inc. following SDLC

PROJECTS
***Outbreak* – HackIllinois 2015 (1st place IMO/Twitter Contest)**
App that allowed physicians to search for a disease and see number of cases narrowed down to zip code, based on data visualization of big data by using IMO's APIs to query the data and display it on a map.

Classroom
App that provided a dashboard with upcoming study sessions and recommended courses based on other student's registrations.

Arganaut
App that was a product search engine to allow users to find the best deals based on what product they want to buy.

ACTIVITIES
***Member* - Association for Computer Machinery**