

Dhruv Rastogi

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Education

University of Illinois (UIUC)

B.S. Computer Science – May 2017

Skills

Python

C# / .NET Framework

HTML / CSS / JS

AngularJS

Java

C / C++

Swift

Haskell

KnockoutJS

Databases

SQL

Postgres / MySQL

Tools

TFS

SQL Server

JMeter

Swagger UI

Fiddler

Zabbix

Git

Software Methodologies

Agile

Waterfall

Courses

Distributed Systems

Data Structures

Algorithms

Database Systems

Text Information Systems

Systems Programming

Operating Systems Design

Software Engineering I (IP)

Intro to Bioinformatics (IP)

Organizations

ACM (WebMonkeys / SigMIS)

Experience

Software Engineering Intern – Apple

Cupertino, CA – May 2016 to Aug 2016

- Developed and tested reusable component in Python to consume internal APIs to allow multiple applications to pull data
- Self-learned and set up Zabbix to monitor internal Web Tools. Trained the team on Zabbix
- Created a web app using AngularJS and integrated with Zabbix using its APIs to display data in a user friendly manner

Software Engineering Intern – Knobull

Providence, RI (Remote) – Aug 2015 to Nov 2015

- Helped develop search engine and learning center using Java

Software Engineering Intern – Intelligent Medical Objects

Champaign, IL – May 2015 to Sept 2015

- Developed C# RESTful Web APIs that received customer's medical terms and sent back IMO's equivalent medical information
- Developed C# application that parsed JSON file into a flat file and stored the JSON contents into a database and notified 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 30+ unit, system, and performance tests

Internal Consultant – Innovation Immersion Program

Champaign, IL – Feb 2015 to May 2015

- Evaluated Tableau and HIEInnovate software for project requirements

Systems Engineering Intern – The Dow Chemical Company

Champaign, IL – Apr 2014 to Dec 2014

- Built C# application to retrieve and manipulate images and transfer between multiple databases
- Built C# application that safely transferred images to Azure
- Enhanced existing C# application to successfully load images into user specified database

QA Tester Intern – Nexval Inc.

Davie, FL – Jun 2012 to Aug 2012

- Created and executed 50+ test cases to identify bugs in VQ Audit - a quality assurance product of Nexval Inc. following SDLC

Projects

Soccer Player Search Engine

Web application that searched for players and displayed relevant players based on document indexing from pre-parsed Wikipedia data

Outbreak – HackIllinois 2015 (1st place IMO/Twitter Contest)

Web application that searched for a disease and see number of cases narrowed down to zip code on a map, based on visualization of big data

Classroom

Web application that provided upcoming study sessions and recommended courses based on other student's registrations

Argonaut

Web application that was a product search engine to allow users to find the best deals based on what product they want to buy