

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

JMeter

Swagger UI

Fiddler

Zabbix

Git

Courses

Distributed Systems

Data Structures

Algorithms

Database Systems

Text Information Systems

Systems Programming

Computer Architecture

Operating Systems Design

Programming Languages &

Compilers

Software Engineering I

Intro to Bioinformatics

Numerical Methods (IP)

Studio Programming (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 / Top 5 Software Hack)

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