Dhruv **Rastogi**

(626) 676-5824 | 2dhruvrastogi@gmail.com | 2dhruvrastogi.github.io | 2dhruvrastogi | drastogi

Education

University of Illinois at Urbana-Champaign	*Champaign, IL*
B.S. in Computer Science	*Aug 2013 - May 2017*

- Data Structures, Algorithms, Distributed Systems, Database Systems, Text Information Systems, Systems Programming, OS Design

Professional Experience

Apple	*Cupertino, CA*
Software Engineering Intern	*May 2016 - Aug 2016*

- Developed and tested reusable components in Python to allow multiple applications to pull data
- Self-learned and set up Zabbix to monitor internal web tools, and trained the team on Zabbix
- Created a web application using AngularJS and integrated with Zabbix APIs to display data in a user friendly manner

Knobull	*Providence, RI (Remote)*
Software Engineering Intern	*Aug 2015 - Nov 2015*

- Helped develop search engine and learning center using Java

Intelligent Medical Objects	*Champaign, IL*
Software Engineering Intern	*May 2015 - Sep 2016*

- Developed C# RESTful Web APIs that received customer's medical terms and sent back IMO's equivalent medical information
- Created C# application that parsed JSON input file into a flat file, stored JSON contents into databases, and notified the team
- Researched, implemented, and taught colleagues the usage of SwaggerUI, class libraries, email client, and JMeter in Web APIs
- Created and executed 30+ unit, system, and performance tests

Innovation Immersion Program	*Champaign, IL*
Internal Consultant	*Feb 2015 - May 2015*

- Evaluated Tableau and HEInnovate software to meet project requirements

The Dow Chemical Company	*Champaign, IL*
Systems Engineering Intern	*Apr 2014 - Dec 2014*

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

Nexval Inc.	*Davie, FL (Remote)*
Intern QA Tester	*Jun 2012 - Aug 2012*

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

Technical Projects

Soccer Player Search Engine
- Web application that searched for players and showed similar players based on document indexing from pre-parsed Wikipedia data

Outbreak - HackIllinois 2015 (1st Place IMO Contest / Top 5 Software Hacks)
- Web application that searched for diseases to show number of cases on a map via geolocation based on visualization of big data

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

Arganuat
- Web application that was a product search engine to allow users to find the best deals for products they wanted to buy

Technical Skills

- **Languages:** Python, C#, JavaScript, Java, C, C++, Swift, Haskell, Verilog, MIPS
- **Databases/Frameworks:** SQL, Postgres, MySQL, NoSQL, AngularJS, jQuery, Flask
- **Tools:** TFS, SQL Server, JMeter, Swagger UI, Fiddler, Zabbix, Git, SVN, JIRA, Numpy