

# BHARGAVA MANJA

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## EDUCATION

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### University of Illinois at Urbana-Champaign

May 2016

Bachelors of Science, Computer Science

Overall GPA: 3.98

Honors: James Scholar, Dean's List

## EXPERIENCE

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### VMware

Summer 2013

*Software Development Intern*

*Palo Alto, CA*

- Created an automated deployer for arbitrary virtual network topologies in Openstack
- Vastly expanded scope and flexibility of testing by porting Python testbed to Openstack based cloud

### National Center for Supercomputing Applications

Fall 2012 - Spring 2013

*Undergraduate Research Programmer*

*Urbana, IL*

- Used Scala and Javascript to build a data analysis web application for stem cell researchers
- Dealt with large datasets stored in MongoDB

### University of Illinois Election Analytics Group

Fall 2012

*Undergraduate Research Programmer*

*Urbana, IL*

- Worked with Professor Sheldon Jacobson to create an election analytics website that presents research and algorithm based election predictions
- Involved with writing Python web scraper for House and Senate prediction websites that reads online polls from various sources

### Riverbed Technology

Summer 2012

*Quality Assurance Engineering Intern*

*San Francisco, CA*

- Extended an automated testing framework with Python to test the web user interface of Riverbed's flagship product, Steelhead
- Wrote and maintained tests for added features and user interface components

### Riverbed Technology

Summer 2012

*IT Intern*

*San Francisco, CA*

- Worked in a team of 3 technicians to provide hardware and software support for employees at all levels
- Wrote automation scripts that are currently used internally by the Riverbed IT department in San Francisco and Cambridge, Massachusetts

### Bellarmino College Preparatory

Fall 2008 - Spring 2012

*Robot Programmer*

*San Jose, CA*

- Designed and implemented software in C and C++ for high school's World Champion robots
- Took first place in North American category of MIT's Zero Robotics Competition, which involved programming satellites in C to contribute to NASA research (code was run on satellites on the International Space Station)

## TECHNICAL SKILLS AND RELEVANT COURSEWORK

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### Computer Languages (Proficient)

Python, Java C,C++, x86, MIPS, Verilog

### Technologies/Tools

Linux, MongoDB, Django, Android, Vim, Git, SVN

### Coursework

Data Structures, Computer Architecture, Systems Engineering