Himanshu Ojha

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Education

University of Virginia, Charlottesville VA – School of Engineering and Applied Science   2013 – 2017
Prospective *Bachelor of Science*, **Computer Science;   G.P.A: 3.781;   CS GPA: 3.900**

Employment and Internship Experience

Engineering Internship   May 2014 to August 2014
9Lenses, Sterling, VA
- Worked within Dot Net Framework – developed sample web applications in C# and practiced with web api and MVC templates
- Integrated 9Lenses platform with SalesForce and LinkedIn API's
- Performance tested 9Lenses platform functionality with SQL Server 2008 r2 sp2, MongoDB, and MySql databases
- Performed Jmeter and SoapUI tests on 9Lenses web api
    - wrote extensive groovy scripts to test API's

Web Development Internship   June 2011 to August 2011
CompSciPrep, Herndon, VA
- Perform role of Project Manager - organizing the schedule, assigning specific duties to team members, and presenting product.
- Creating advertisement-management software for CompSciPrep.
- Specializing in organizing MySQL data to store necessary information and make sure back-end of product worked.

Hackathons

HackUVA   April 2014
UVA, Charlottesville, VA
- Dining Menu Android App
- Created python web server hosted on Raspberry Pi
- Designed and implemented MySql database
- Wrote scripts to scrap UVA dining website in python

Favorite Classes

CS 2150 – Program and Data Representation   Spring 2013
- Understand number representation, operations, conditionals, and control structures from a high level programming language down to the underlying machine level representation
- Implement advanced data types including linked lists, stacks, queues, hash tables, trees, and graphs
- Evaluate asymptotic time complexities of programs and data structure implementations using Big-O, Big-Omega, Big-Theta notation.
- Implement basic program control structures in an assembly language (loops, conditionals, subroutines, parameter passing, arrays)

CS 2110 – Software Development Methods   Fall 2013
- Nearly complete understanding of the Java programming languages control structures
- Understand software development life cycle
- Understand Agile program development

Summary of Skills
- **Programming**:
    - Proficient: C++, Java, C#

- o Introductory understanding of: HTML/CSS, Javascript, PHP, Android App Development, Bash Scripting, Python, Ruby on Rails, groovy
- **Operating Systems**: Windows, Linux (Ubuntu, Red Hat Linux 6)
- **Applications**: Emacs, Eclipse, Geany, Microsoft Visual Studio 2013, Jmeter, SoapUI, LoadUI

Other Experience

- **Elementary School Student Counselor:** helped organize school children   summer 2009, 2010
- **FairfaxGOP Volunteer:** phone banking, door to door canvassing, setting up political events   summer 2010

Awards, Memberships, and Certifications

Honorable Mention at Thomas Jefferson Invitation Open in Informatics: High School CS competition   (2011)
William and Mary Leadership Award: single winner out of class of 650 students as prospective leader of VA (2013)
Model United Nations Awards: Best Delegation in Prince William and Centerville, Outstanding Delegation in Osbourn Park, and Honorable Mention at Thomas Jefferson, Prince William, and George Mason MUN Conferences
Varsity Debate   (2010-2013)
National AP Scholar with Distinction   (2013)
University of Virginia SEAS Deans List   (Fall 2013)