

# Kanishk Jain

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## Present Address

109 Shamrock Road  
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## Permanent Address

13407 Melville Lane  
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## Objective

To obtain an internship where my knowledge of chemical and biological principles can be put to use and honed.

## Education

### University of Virginia, Charlottesville, VA

- Major: B.S. in Chemistry with a Biochemistry Concentration Expected Graduation Date: May 2013
- Currently a Second-Year student in the College of Liberal Arts & Sciences
- Cumulative GPA: 3.30 Major GPA: 3.594

### Chantilly High School, Chantilly, VA

- Graduation Date: June, 2009; Final GPA: 4.25, Honor Graduate; Advanced Diploma

## Honors and Awards

**University of Virginia, First-Year :** Dean's List, Fall 2009

**Chantilly High School, Graduating Year:** Honor Graduate: GPA of 4.0 or above, Science Department Achievement Award

**Science Olympiad (2009):** An Olympiad of events steeped in every scientific field, i.e., Physics, Chemistry, Biology, Ecology, *et al.*

- Regional Competition, VA: Silver medal in Chemistry Lab, Silver medal in Cell Biology, Silver medal in Forensics,
- State Competition, VA: Silver medal in Forensics, Bronze medal in Chemistry Lab

## Experience

**Mura Lab, Dept. of Chemistry, University of Virginia, Charlottesville, VA**

September 2010- Present

Undergraduate Research Assistant: studying experimental Biochemistry and Hfq protein-RNA interactions in *Moraxella catarrhalis*

**Department of Chemistry, University of Virginia, Charlottesville, VA**

August 2010-December 2010

Teaching Assistant: assisted with teaching Chemical Structures I and helped students understand the principles of chemical structure

**Fairfax Collegiate Summer Program, Herndon, VA**

July 2010-August 2010

Instructor: taught Forensic Science classes to students in grades 4-6 and diverse mathematics classes to students in grades 4-9

## Leadership

**Chantilly High School Science Olympiad:** Vice President (2007-2009)

- Duties included: Acting in the stead of the President should he/she be unable to fulfill his/her duties, overseeing Club finances with reports from the Treasurer, along with the President, choosing members to compete in tournaments as well as training them, and handling relations with mentors and Science teachers for the education of the Club

**Chantilly High School Marching Band:** Drum Major (2008-2009)

- Duties Included: Conducting the ensemble in musical performances, Leading rehearsals in marching and music, Training and disciplining members of the band in marching and musical techniques

## Activities

**University of Virginia:**

**Biology Society:** A student-run organization meant to promote Biology-related student activities on campus, i.e., Biology Lectures, Research programs, Graduate School panels for possible Biology Graduate School applicants, *et al.*

**Chantilly High School:**

**Science Olympiad:** See above for a description

## Skills

- Laboratory procedures commonly used in Biological research Labs: DNA extraction, Polymerase Chain Reaction preparation, Gel Electrophoresis, Automated Sanger Method for preparing solutions for DNA sequencing, Basic Dissections, Bacteria plating and Culturing, ion-exchange chromatography, etc.
- Basic organic chemistry lab processes
- Computer Processes: Proficient in MS Word, MS Excel, and MS PowerPoint
- Fluent in Hindi

## Relevant Coursework

**Current Coursework:**

Chemical Structures II and Chemical Structures II Lab

**Past Coursework:**

Chemical Structures I, Introduction to Chemistry Lab, Introduction to Biology: Cell Biology and Genetics Lab, Chemical Principles I: Organic Chemistry, Organic Chemistry Lab, Introduction to Organismal Biology Lab, Chemical Principles II: Organic Chemistry, Organic Chemistry II Lab, Genetics and Molecular Biology