

Rohan Arora

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SUMMARY

Undergraduate studying computer science at the University of North Carolina at Chapel Hill. Technology enthusiast with extensive knowledge in various technological skills, most notably programming. Hope to increase my understanding of computer science throughout my undergraduate years so that I can apply my knowledge to real-world scenarios.

EDUCATION

Chapel Hill High School, Chapel Hill, NC

High School Diploma received in June 2016

Cumulative GPA: 5.0476 weighted / 3.9524 unweighted

Class Rank: 25 out of 326

University of North Carolina, Chapel Hill, NC

Major: Computer Science

GPA: 3.947 (from enrollment)

Completed UNC Business Essentials Program (2016)

Class of 2020

Standardized Tests

SAT Score (2015): 2300

TECHNICAL SKILLS

Programming

Proficient in Java

Concepts known:

- Abstraction
- Encapsulation
- Inheritance
- Polymorphism
- Delegation
- Design Patterns
- Asynchronous Programming

Web Design

HTML/CSS, JavaScript, PHP (limited experience)

Graphic Design

Adobe Photoshop, GIMP

Video Editing

Adobe Premiere Pro, Final Cut Pro

Audio Engineering

Pro Tools, Logic, Audacity

EMPLOYMENT

Tech Shop at the UNC Student Stores, Chapel Hill, NC (Summer 2016 - Present)

Assist customers with purchasing computers and accessories

Check in computers for repairs with Remedy

VOLUNTEER & COMMUNITY SERVICE

The Peoples Channel - Chapel Hill TV Station, Chapel Hill, NC (9-10)

Video editing of footage from local producers to be telecast on local TV

Movie-making camp counselor, helped with camerawork and video editing

Shodor - Nonprofit Research and Educational Organization, Durham, NC

Apprentice (9)

- Shodor Scholars Program, trained in various computational science skills

Volunteer Intern (10-12)

- Tested for and resolved bugs in multiple educational programs
- Built websites for clients such as the Bull City Stand Down nonprofit veterans organization
- Taught programming skills to students in workshops

Chapel Hill High School, Chapel Hill, NC (11)

Led team to implement computer education for novices

- Created an interactive graphical program for students to experiment and learn programming
- Taught programming during “TigerFest” sessions at school

University of North Carolina, Chapel Hill, NC (11-12)

Technical support to physicians for video and image file submissions

Assisted Dr. Blasius’s team prepare a video about efficiency in emergencies

- Selected as top project among 14 to be presented as a video abstract from UNC

Assisted Dr. Teeter’s team with video submission of a rare medical case to a medical journal

Assisted Dr. Martinelli’s team with submission of medical images to the academic journal

Seminars in Cardiothoracic and Vascular Anesthesia

Vishwas Rehabilitation Center - Nonprofit Charitable Organization, New Delhi, India (11)

Ran errands for therapists in the physical therapy and rehabilitation center

Assisted underprivileged patients in the proper use of muscle strengthening equipment

Chapel Hill High School, Chapel Hill, NC (12)

Teaching assistant for physics

Made lesson plans, taught, ran errands, helped maintain order and structure

ACTIVITIES & INTERESTS

Sports

Tennis

- Junior Varsity (9-11, Captain 11)
- “Tiger Award” for undefeated in all singles matches (9)
- Varsity (11-12)

Skiing

Music

Lifelong passion for instrumental music

Snare Drum, California Band Directors Association Solo Percussion Award (9)

Piano lessons and performances (9-12)

Tabla (classical Indian percussion instrument) lessons and performances (9-12)