

Andrew Shekhar Breckenridge

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EDUCATION

Novi High School - One of America's Best 500 High Schools (Newsweek)

Novi, MI

- Class of 2014 (Junior and Senior years)
- GPA (11th grade only): 4.29 W
- International Baccalaureate Diploma Candidate
- SAT I: 2170 (690 CR / 760 M / 720 W)
- SAT II: Physics 750

Sanskriti School - One of India's Top Five Private Schools (Times of India)

New Delhi, India

- Freshman and Sophomore years
- Classes 9 & 10 recognized for distinction in academics

HONORS & AWARDS

IBM Master the Mainframe Contest

11th & 12th grade

- 2012 & 2013 finalist in Part 1 of IBM's Mainframe Competition which included debugging machine control languages and manipulating data-structures in a mainframe environment.

GeoLogic Mapping Event - Oakland District Science Olympiad

11th grade

- Placed 5th in a competition where I analyzed satellite imagery and made reasonable inferences from terrain and environmental scans.

Indian Informatics Olympiad - Delhi State

10th grade

- Ranked 4th in all of Delhi on a multiple choice test on topics ranging from HTML to simple logic to .NET framework.

Indian Science Olympiad- Sanskriti School

9th grade

- Ranked 8th on a multiple choice test on topics and concepts learned during our school year in our science classes.

COMMUNITY VOLUNTEER SERVICE

Boy Scout Related Community Service (200+ hours)

9th grade-present

A large aspect of Boy Scouts is community service. Projects I helped organize and was a part of included:

- Removed the lead paint, repainted and then installed a computer lab in a school for underprivileged girls at *Kendriya Vidyalaya*, a school in a New Delhi slum.
- Completed multiple clean ups of the Yamuna river in New Delhi, national reserves, parks, etc.
- Presently planning the renovation of 'Novi Cemetery' (the resting place of soldiers from the Revolutionary and Civil Wars)

IB Related Volunteering (100+ hours)

9th grade-present

The IB Diploma Programme includes a minimum of four projects and over 150 hours of service in the 2 years of being a Diploma Candidate. My projects were:

- Developed an SQL database for the KPCMD church to monitor volunteers for their events.
- Designed a poster for an international charity *The Hunger Project*.
- Organized a haunted house at Novi Woods Elementary School.
- Hosted a panel discussion for Sophomores and Freshmen about joining the IB Diploma Programme.
- I Emceed the Annual IB Talent Show last year and plan to create a mobile app to tally the votes this coming year.

Additional Community Volunteer Service (50+ hours)9th grade-present

Volunteered at events which are not related to the IB Programme nor Boy Scouts. For example, last month I volunteered at a Masonic Lodge fundraiser. I also translated subtitles to Hindi for Khan Academy educational videos.

EMPLOYMENT / WORK EXPERIENCE

Senior Applications Engineer at Qrios, (three hours per week)

Dec 2011-Apr 2012

- *Qrios* is a tech startup licensed in 2011 that provided virtual business card solutions through QR codes employed for use at large expos and conferences. I helped create the front-end user interface for the service as well as designed a wire frame for the mobile site.

Private Piano Teacher, (two hours per week)

Jun 2011-Jan 2012

- Instructed four students aged 7-12 in classes which were usually 30 minutes in duration.

LEADERSHIP POSITIONS

Boy Scout Troop Senior Patrol Leader10th grade

- Senior Patrol Leader (scout leader) of Boy Scout Troop 60 in New Delhi, India chartered to the American Embassy School. Led troop on a myriad of treks, campouts and meetings.

Co-Founder and President of Computer Club10th grade

- Co-founded the Sanskriti School Computer Club at my high school in India. The club discussed recent innovations and developments in the tech world, instructed members in various Adobe software packages (Photoshop, After Effects, etc.) and taught basic HTML to build simple websites.

EXTRACURRICULAR ACTIVITIES

Sanskriti & Novi High School Varsity Swim Teams9th grade-present

- Member of Varsity Swim Team 9th, 10th and 11th grade. House leader in 9th and 10th grades, participated in various invitational and district swim meets all years.

Piano and Guitar9th grade-present

- I've played the piano since I was eight and the guitar since I was fifteen. I passed the *Associated Board of the Royal Schools of Music* Grade 1 piano exam with merit.

The Sky Cried9th-10th grade

- The Sky Cried is a band that I formed with three other musicians. Released an EP and placed in a band competition – the Sanskriti 350. The song we played was of my original composition.

Chief of Video Development and SFX - 201110th grade

- Created multiple videos and special effects for Sanskriti's annual high school play in 10th grade. Made a trailer video and a credits video (both available on YouTube). Also made a slideshow for the 6th grade Indian Classical dance function.

Model United Nations9th grade-present

- Participated in a number of MUN conferences. Earned Outstanding Delegate at the *Sanskriti MUN* in 2011 and Best Delegate at the *Southeast Michigan MUN* in 2013.

French Club11th grade-present

- Attended French club meetings to supplement my French speaking ability.