

# SHARAN ARKALGUD

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## OBJECTIVE

Expand my knowledge of Computer Software and Hardware Technologies to solve real world problems through research and application.

## EDUCATION

Thomas Jefferson High School for Science and Technology (TJHSST), Alexandria VA

Class of 2015 (Current GPA: 4.18)

## EXPERIENCE

Tutor for elementary and middle school students at local schools and for rising sophomores in my High School taking AP Computer Science

Officer and Chief Publicist(2013-2014) and current Secretary at Future Business Leaders of America (FBLA) Club, Business in Science, 1st in TJ Market Place (A competition to see who makes the most money from selling a product)

Taught multiple classes on public speaking and debate

Assistant Senior Patrol Leader and Patrol Leader for our Boy Scouts troupe

Active participant in Namaste (Indian Culture club) at my high school and have performed at International Culture Festivals.

Interned at the National Institute for Standards and Technology. Worked on improved image processing algorithm that was part of a program that helped to test materials used in planes, trains and space equipment.

Varsity Basketball Captain for 2014-2015 Season.

Eagle Scout ( Highest Rank in Boy Scouts)

## ACHIEVEMENTS

- Won top mobile app at TJ-Hackathon (The largest high school hackathon event) for building a mobile game for iPhone
- Have attended MoDev 2013 Conference for mobile development
- Have been playing Basketball at the Varsity Level since my Sophomore year and have earned some accolades and honorable mentions such as 1st team All Conference Defensive Team 2013-2014,

Honorable Mention for All-Conference Offensive Team and Defensive player of the year for the 2013-2014 season and Defensive team and All-Conference Second team for the 2014-2015 season

- Have played two years on AAU Club Basketball Team. The team travels throughout the East Coast for tournaments.
- Have participated in many Regional Debate & Public Speaking competitions and won awards
- Placed 19<sup>th</sup> in the country at the National Middle School Debate Championship
- Represented my high school at the Harvard Debate Tournament in Boston in my Freshman Year

## **INTERESTS/ACTIVITIES**

- Proficient in JAVA, Python and C programming languages
- Interested in iPhone and Android app development along with research and development in Artificial Intelligence and Computer Networking.
- Have attended 2013 Max (Midatlantic Crossroads) Teen Tech Camp on Fundamentals of computer networking.
- Have actively participated in FLL and Odyssey of the mind competitions
- Active and involved in the American Computer Science League (ACSL)
- Lead and participate regularly in Boy Scout community service activity
- Enjoy hiking and playing basketball

## **VOLUNTEER & COMMUNITY SERVICE**

- Conducted Public Speaking and Debate Workshops in the community.
- Tutor elementary and middle school students at Holmes Middle School in Alexandria in Math and Science
- Judged Regional debate competitions
- Helped tutor rising sophomores in AP Computer Science
- Active volunteer for the North South Foundation that provides education scholarships to underprivileged kids in developing countries.

## **COMPUTER SKILLS**

- Proficient in JAVA, Python and C programming languages
- Proficient in creating mobile application
- Type up to 70 wpm

## **Current Activities**

Working on project in the Mobile Development lab: Developing an application that can identify people around the user using Facebook.

## GOALS FOR THE NEXT 5 YEARS

- Pursue college education and research in computer science
- Apply knowledge and experience to solving humanitarian and real world problems