

# Sahil Ashar

sahilashar.github.io | sahilashar16@gmail.com | (214) 679-6871 (Cell)

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## Summary:

- Currently a Freshman at the University of Texas at Austin with several years of advanced computer science classes.
- Fast learner, and willing to learn new concepts.
- Able to articulate alternative solutions, documentation and reasoning behind the alternatives.
- Proficiency with Java, Linux, and Windows operating system.
- Active volunteer at various organizations with over 500 hours of volunteer service.
- Excellent leadership, communication, and organizational skills
- An Eagle Scout.

## Technical Skills:

<b>Programming Languages</b>	Java, HTML, CSS, Python, Git, jQuery, SQL
<b>Software</b>	Microsoft Office, eclipse IDE, IntelliJ IDE, Oracle Java JRE, Java API
<b>Operating System</b>	Windows, Mac OS, Linux

## Education:

Coppell High School (Class of 2016)

University of Texas at Austin (Class of 2020) -Electrical and Computer Engineering

## Training:

### **Boys Scouts Leadership Trainings:**

- National Youth Leadership Training
- Oak Leaf Leadership Training
- Troop Leadership Training

### **Perot Museum of Nature and Science:**

- Consumer Management and Leadership Training

## Work Experience:

**05/28/16 - till date:**

**Best Buy**(Irving, Texas)

*Computer Sales Consultant*

- Assisted customers with computer related questions and issues
- Was a Top 5 Salesman in the month of June in the store

**02/02/16 - 03/29/16:**

**Kroger** (Irving, Texas)

*Cashier*

16hrs/week

- Checked out customers and assisted with general customer service.

**08/21/15 - 02/02/16:** **Kroger** (Irving, Texas)  
*Courtesy Clerk* 12hrs/week  
• Bagged groceries and assisted with general customer service.

**06/29/15 – 08/21/15:** **Perot Museum of Nature and Science** (Dallas, Texas)  
*Intern* 12hrs/week  
• Was an IT Intern at the Perot, assisted in various IT related issues around the museum with the IT Staff.

**06/19/15 - 06/27/15:** **Camp Invention** (Coppell, Texas)  
*Leadership Intern* 40hrs/week  
• Helped train two Counselors-In-Training for experience as Leadership Interns in coming years

**06/13/12 - 12/01/12:** **Zensys Technologies, LLC.** (Irving, Texas)  
*Intern* 8hrs/week  
• Learned the basics of programming and cybersecurity and helped assist in some IT issues through the company.

**Project Experience:**

**August 2014 - till date:**

**Physical Therapy Android Application**

Currently developing an Android application with a partner to help aid with Physical Therapy exercises.

**League of Legends Android Application**

Currently developing an Android Application for Riot's League of Legends API Challenge.

**August 2012 – till date:**

**Coppell High School**

As part of the Computer Science course, below are some of the projects that were completed successfully:

- **Minesweeper**
  - I developed Minesweeper in Java as my End-of-the-Year Project.
- **Blackjack**
  - My group and I developed both a text-based version of Blackjack and a graphical version of Blackjack for a 6-Weeks project.
  - My primary role was coding and debugging.
- **Pokémon Probability**
  - I developed a text based program that would return the probability of you catching a specific Pokémon when you entered its name for another 6-Weeks Project.
- **Subject8**

- Subject8 is a multi level Role Playing Game my group and I developed for our End-of-the-Year Project for AP Computer Science.
- My primary role was coding and debugging in this project, but I did work on the artwork as well.
- Teacher called it the best project she's seen in the last 15 years of teaching.
- **Space Explorer**
  - Space Explorer is a simple Java game I built to help demonstrate some basic Java principles to first year Computer Science students.

**October 2013:**

**Twitter Bot**

Created several novelty Twitter Bot accounts using Python and node.js. The bots are built to retweet any tweet containing any certain keywords.

**January 2014:**

**Reddit Bot**

Created a novelty reddit Bot that scrapes reddit's comment threads and makes them into word clouds using Python.

**Volunteer Experience:**

**Jan 2009 - till date:**

**Various Non-Profit Organizations**

- Volunteered at least 90 hours a year, for a total of about 450 hours at below:
  - Perot Museum of Nature and Science
  - Children's Medical Center
  - Eagle Scout and other Scouting Service projects
  - D/FW Hindu Temple
  - North Texas Food Bank
  - Irving Public Library
  - National Honor Society
  - Coppell High School Marching Band

**Leadership Experience:**

**Feb 2009 - till date:**

**Boy Scouts of America:**

- Held several leadership positions as a Boy Scout:
  - Assistant Senior Patrol Leader
  - Troop Guide
  - Patrol Leader

**Aug 2012 - till date:**

**Coppell High School:**

- Invited to the National Student Leadership Conference to represent Coppell High School
- Founded Coppell Cubing Club at Coppell High School
- CHS Red Jacket
  - An elite group of student ambassadors for the school, handpicked by the principal for our outstanding leadership and service.
- Coppell High School Marching Band
  - Selected as the Saxophone Section leader for the 2015-2016 School Year

## **HONORS & AWARDS**

### **Presidential Service Award - Silver**

- Given by the U.S. President for doing an exceptional amount of community service

### **Presidential Service Award - Gold**

- Given by the U.S. President for doing an exceptional amount of community service

### **Ranked #38 in Texas for Speedcubing as of July 2014**

- Ranked By The World Cube Association

### **Eagle Scout**

- Boy Scouts Of America's highest honor for any Scout

### **Presidential Service Award - Silver**

- Given by the U.S. President for doing an exceptional amount of community service

### **Eagle Scout Bronze Palm**

- BSA's third highest award For Eagle Scouts

### **Eagle Scout Gold Palm**

- BSA's second highest award For Eagle Scouts

### **Perot Museum Master Volunteer**

- Was recognized by the Perot Museum management for outstanding service and leadership towards the museum.