

Sahil Ahluwalia

3994 Bouquet Park Lane, San Jose, CA
408-930-9615(C)
sahilahluwalia3@gmail.com | <https://github.com/sahluwalia17>

LinkedIn



Objective: Looking for a summer internship position where I can utilize my knowledge of various programming languages, my previous experience of working for a start-up cloud security company, and problem-solving skills to contribute to the company's success, as well as strengthen my own abilities in the field of computer science.

Education:

Purdue University, West Lafayette, IN | Bachelor of Science in Computer Science

May 2021

Archbishop Mitty High School, San Jose, California

May 2017

Relevant Experience:

ShieldX Networks, Software Intern, San Jose, California

June 2016-August 2016

- Developed a Python command line interface that interacted with the ShieldX API
- Worked with regular expressions, JSON parsing, authorization functions, and the requests module
- Project layout consisted of "getter" files that executes operations and sends information of status back to the main file for outputting; main file is the only program handled by the user

Participated in the HS Hacks 3, Building 42, Fremont

January 2018

- Developed another Python command line interface that allows user to check live NBA scores, box scores, and team standings from their command prompt
- Utilized cmd2, BeautifulSoup 4, py2exe, and the design approach of the ShieldX internship project
- nba-cli.herokuapp.com features a Github link to view the code and a YouTube link regarding installation

Purdue EPICS EVEI Webmaster

August 2017 – December 2017

- Elected to completely redesign the website for the EPICS EVEI program at Purdue
- Created a professional UI that featured information regarding each team of the program, pictures of every member, and an overview of the entirety of the program itself
- Designed using various HTML concepts such as an image slideshow, multiple tables, and internal linking

President of the Stock Market Club:

August 2016-May 2017

- Recruited 180 new student members to the club and hosted the Stock Market Competition
- Gained a lot of leadership experience and developed an expertise in dealing with logistics such as managing the budget, directing meetings, delegating work, and generating a social media presence

Developed SpotCon

November 2016

- Created an Android app that prompts the user for a Spotify song link and returns a downloadable MP3
- Incorporated OkHttp to make get requests to the Spotify and Youtube2MP3 API servers

Languages

- Java: AP Computer Science (high school), Prob Solving & O-O Programming (CS18000), Foundations of Computer Science (CS 18200)
- Python: ShieldX Internship, NBA CLI project
- C/C++: Programming in C (CS 24000)
- Android Programming: Spotcon
- HTML: Purdue EVEI Webmaster - <https://epics.ecn.purdue.edu/evei/>

Honors and Awards

- Principal's Honor Roll 2015/2016/2017
- AP Scholar with Distinction Award 2017
- California Scholarship Federation 2014-2017
- St. Francis of Assisi Award for Volunteering 2015