

# RISHABH JAIN

## TECH -SAVVY TRILINGUAL VIOLIST

High school junior with interests in robotics, cyber security and microbial energy. Skilled in web development, programming and sponsorship sales. Can converse in English, Chinese, Hindi and Sanskrit.

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## EDUCATION

### Marshall High School IB Diploma (Expected) 2018

Currently pursuing an IB Diploma. Plan on taking these Higher Level courses: Mathematics, Biology, Physics and Topics

### Sanskrita Bharati

Currently enrolled in distance learning course from Sanskrita Bharati. Sanskritam As a Foreign Language (SAFL) is a three-year online distance education program for high school students who wish to learn Sanskritam (aka Sanskrit ).

## PROJECTS

### Freelancer on Fiverr Feb 2015 to Current

Level 1 seller on Fiverr.

- Offer a variety of virus removal and web development services on Fiverr. Level 1 Sellers need to provide excellent customer satisfaction and fast project delivery times.

### Website Development Apr 2015 to Current

Responsible for creating fast and responsive websites for multiple clients.

- Used multiple CMSs including Wordpress and eFront.
- Also integrated multiple technologies into the website including analytics tools and a discussion platform.
- For specific examples, please visit my portfolio website.

### CodeAyyy

CodeAyyy was a game created by my team at CodeDay DC Winter 2015.

- The game was set to mimic a hackathon environment with the main character trying to make it through without sleeping.
- The goal of the game was to get other students interested in coding and CodeDay.
- In order to make the game more accessible, it was published on a web server.

## VOLUNTEERING

North South Foundation · Math Instructor  
Sep 2016 to Current

## EXPERIENCE

### FIRST Robotics Team 5549

Outreach Coordinator and Programmer · Oct 2014 to Current  
Marshall HS's robotics team participated and was awarded the Rookie All-Star award in the 2015 season.

- Served as Outreach Coordinator and deployed a fast and responsive website for my High School's robotics team with no budget. team5549.org
- Integrated various technologies into the website for a better user experience.
- Responsible for securing more than \$2000 in grants from various sponsors.
- Helped program the robot using C++. For the 2016 season, also assisted the team in creating a computer vision system using a NVIDIA Jetson TK1 and OpenCV.

### Cyberpatriot Team 07-1719 and 08-1998

Team Captain and Linux Expert · Sep 2014 to Current

At the center of CyberPatriot is the National Youth Cyber Defense Competition.

- Led my rookie team to achieve Platinum (Top 30%) Status both years we have competed.
- Responsible for teaching basic Linux system hardening to beginners.
- Created scripts using Bash to automate some processes that are required in the competitions to allow more time for the harder vulnerabilities.
- System hardening included disabling insecure services, removing unsafe applications and securing user accounts.
- Solved forensics challenges which required a unique understanding of the Linux command line interface.

### SySTEMic Solutions VEX IQ Summer Camp

Lead Programming Instructor · Aug 2016 to Aug 2016

One week camp for elementary school students for building and programming a robot.

- Taught the students basic programming skills in RobotC.
- Maintained a classroom environment with 30 elementary school students.

### HackingEDU

Sponsorship Coordinator · Jul 2016 to Current

HackingEDU empowers future change-makers to revolutionize the World. Our first hackathon was the World's Largest Education Hackathon. 1400+ hackers came together to create 200+ projects, and that was just the beginning.

- Helped raise more than \$2k in sponsorships from companies such as General Assembly, Thalmic Labs and Stormpath to host a Training Day for students.