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# Sharvil Parekh

## TECHNICAL SKILLS

### Languages

Experienced:

Java

Familiar:

Python, HTML

### Tools

Git, Photoshop, Sony Vegas, Final Cut Pro

## LINKS

[github.com/SharvilP/CodingSamples](https://github.com/SharvilP/CodingSamples)

## EDUCATION

University of Maryland College Park  
B.S. Computer Science  
Fall 2016 - 2020

Clarksburg High School  
Advanced Placement Scholars Program  
Aug 2012 - May 2016  
GPA: 3.5/4.1  
SAT: 770/630/610 (M/CR/W)  
ACT: 31

## Community Service

Hours Completed: 237

## INTERESTS

- Computer Science
- Cybersecurity
- Hackathons
- Physics
- Video Editing

## Awards

AP Scholar with Distinction  
- Average of at least 3.5 on 5 or more AP exams  
Community Service Award  
- Over two hundred community service hours

## Work Experience

Intern | Department of Environmental Protection

June 2015 - Aug 2015

- Helped map stormwater retention facilities from aerial maps using ArcGIS. Created and maintained Excel spreadsheet of stormwater facility plans.

Grader/Tutor | Kumon Learning Centers

Aug 2013 - Oct 2013

- Graded math and reading comprehension coursework. Tutored early learners.

## Extracurricular Activities

Bitcamp | Best Use of Internet Sourced Data | Grade 12

- Used a Raspberry Pi and Arduino Uno to create a gas sensor that notifies the user with a text if a gas leak is detected.

HackUMBC | 3rd Place Overall | Grade 12

- Created an Android app that helps map potholes through crowdsourcing. The app allows phones to emit GPS data to a firebase database when its accelerometer detects a pothole.

MC Programming Competition | Team Leader | Grades 11, 12

- Competed with high schools in the area in a java programming competition.

HackTJ | Participant | Grade 12

- Created a web app that suggests new restaurants in the user's vicinity based on past transactions using the Capital-One API and Yelp API.

MCPS Cybersecurity Competition | Participant | Grade 12

- Worked with NYU Polytech on cybersecurity forensics challenges involving scraping data off cell phones and other online cybersecurity skills.

HackRPI | Participant | Grade 12

- Created a project using Python that used a LeapMotion for sound synthesization.

Class Treasurer | Class Council Officer | Grades 9, 10, 11, 12

- Organized various fundraisers, dances, and events. Assisted in executing orientations and information nights.

Science National Honor Society | Member | Grades 11, 12

- Academic honor society focussed on science. Tutored in the sciences and attended environmental outreach programs.

Red Cross Club | President | Grades 10, 11, 12

- Helped set up yearly blood drives as well as food drives in order to raise money for local charities.

Civil Air Patrol | Cadet Airman First Class | Grades 7, 8, 9, 10

- Attended weekly meetings covering leadership training, physical fitness, emergency services, and aerospace education. \*Participated in Northrop Grumman's CyberPatriot Cyber Security competition, and computer engineering.