

Website: Sharvilp.github.io
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Sharvil Parekh

TECHNICAL SKILLS

Languages

Experienced:

Java, HTML/CSS (Bootstrap), C#

Familiar:

Javascript, Python

Tools

Git, Visual Studio, Sony Vegas,
Photoshop, Final Cut Pro

Other

Raspberry Pi

LINKS

github.com/SharvilP/CodingSamples
<http://devpost.com/SharvilP>

EDUCATION

University of Maryland

B.S. Computer Science

Fall 2016 - Present

2014 - Present | 3.8 GPA

College Park, MD

Clarksburg High School

Advanced Placement Program

Aug 2012 - May 2016

GPA 3.5/4.1 ACT: 31

SAT: 770/630/610 (M/CR/W)

Community Service: 237 hours

INTERESTS

- Computer Science
- Cybersecurity
- Hackathons
- Video Editing
- Snowboarding

Awards

AP Scholar with Distinction

-Average of at least 3.5 on 5 or more AP exams

Community Service Award

-Over two hundred community

WORK EXPERIENCE

Research and Development Intern

Weatherbug | May 2016 - Aug 2016

- Full stack development of a website that would allow users to access personal weather station data through a real time dashboard using SignalR

Intern

Department of Environmental Protection | Jun 2015 - Aug 2015

- Helped map storm water retention facilities on aerial maps using ArcGIS
- Excel data entry of storm water retention facility plans
- Planned and set up local public outreach events

Grader/Early Learner Assistant

Kumon | Aug 2013 - Oct 2013

- Graded math and reading coursework and tutored early learners

EXTRACURRICULAR ACTIVITIES

Bitcamp | Best use of Internet Sourced Data | Grade 12

- Used a Raspberry Pi and an Arduino to create a gas sensor that notifies a user with text and image of gas leaks and smoke

HackUMBC | 3rd Place Overall | Grade 12

- Created an Android app that helps map pothole through crowdsourcing
- The app would emit a GPS flare to a firebase database when the phone's accelerometer detected a pothole

MC Programming Competition | 1st Place | Grade 11, 12

- Competed with other high schools in the area in a Java programming competition
- Problems varied from basic programming such as loops/conditionals, arrays, to data structures.

HackTJ | Participant | Grade 12

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

MCPS Cybersecurity Competition | Participant | Grade 12

- Participated in NYU Polytech's cybersecurity forensics challenge involving data scraping and other cybersecurity skills

HackRPI | Participant | Grade 12

- Created a sound synthesis application in Python using a Leapmotion

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

- Organized various fundraisers, dances, and school events

Science National Honor Society | Member | Grade 11, 12

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