Samvit Agarwal

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OTHER EDUCATION

Dual Enrollment
Princeton University

2020 - Present

Courses
- Selected to take undergraduate-level computer science courses as a senior in high school.
- Currently taking COS 226(Algorithms & Data Structures).

EXPANDED ACTIVITIES

President & Founder
CS Remastered ⧉

2018 - Present   *West Windsor, NJ*

Achievements/Tasks
- Founded a 501(c)(3) nonprofit organization aimed at teaching students one-on-one adaptive computer science for free. Got 250 volunteers, 300 students, & 5 global branches. Solicited sponsorships from notable organizations including Google and Wolfram. Working with other nonprofits including HomeFront NJ and Girls Who Code.
- Featured on NJ.com ⧉

CEO & Co-founder
Hospified ⧉

2019 - Present   *West Windsor, NJ*

Hospified is a healthcare startup that aims to bring transparency to medical prices through user crowdsourcing.

Achievements/Tasks
- Got 2K+ users & currently competing in entrepreneurship competitions. Built Web App from scratch.

Lead Organizer
WWPHacks ⧉

2019 - Present   *West Windsor, NJ*

WWPHacks is an official MLH sponsored 24-hour virtual hackathon run by our school's Computer Science Club.

Achievements/Tasks
- Head organizing team and got more than 250 participants & secured sponsorships from major corporations(including Linode, Wolfram, and 1Password). Raised $3K+.

Mentor
Code Ninjas

2019 - 2020   *Princeton, NJ*

Code Ninjas is a company focused on teaching game-development in an easy to learn manner, one that is accessible to students across different ages.

Achievements/Tasks
- Introduced younger kids to game-development and guided them through basic languages such as Scratch all the way up to complex real-world ones including C# & JS.

SKILLS

Python   Java   NumPy   TensorFlow   HTML/CSS/JS   Bootstrap   UI/UX Design   Data Analytics   Public Speaking   Leadership

PROJECTS

HSSDaily ⧉
- Built a web-platform for peers at school. Functions as an announcement board that informs students of important information such as absent teachers or upcoming events each day.
- Got 1200 users across our district.

Intellicity ⧉
- Flexible, real-time app that provides live information about important local events such as crimes & imminent danger through crowdsourcing.
- Won top 30 at PennAPPS 2019(800+ competitors).

Social Eyes ⧉
- Web-based social media monitoring system that provides users with a simple interface to identify and remove potentially inappropriate/profane posts from their social platforms.
- Won 1st place at MakeSPP 2018(100+ competitors).

Crisis Connect ⧉
- App that provides victims of natural disasters a simple way to communicate without wifi or cellular networks through a mesh network.
- Won top 5 at ProfHacks 2019(200+ competitors)

Unifyd ⧉
- Decentralized marketplace connecting vendors to buyers amidst COVID-19.

RESEARCH

NJ Governor's STEM Scholars Program
Currently working on a year-long research project analyzing flood resistant homes through machine learning and core engineering principles.

Rutgers Intelligent Visual Interfaces Lab
Used TensorFlow and OpenCV to analyze and classify indoor and outdoor signs. Developed 3D renders using Rhino to determine optimal sign placement locations for maximum accessibility and visual clarity.