

# 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.
- Received an A in COS 226: Algorithms and Data Structures.

## KEY EXPANDED ACTIVITIES

### President & Founder CS Remastered [↗](#)

2018 - Present

West Windsor, NJ

501(c)(3) nonprofit organization aimed at teaching students one-on-one personalized computer science for free.

#### Achievements/Tasks

- Ran weekly classes. Got 350 students, 300 volunteers, & 6 global branches. Solicited sponsorships from notable companies including Google and Wolfram (valued at \$10K+). Ran joint programs with other nonprofits including HomeFront NJ and Girls Who Code. Received national Gold Presidential Volunteer Service Award and [Point of Light Award](#).
- Featured on [NJ.com](#) and [The CS Monitor](#).

### 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 3K+ users & built Web App from Scratch. Won the national Congressional App Challenge - Invited to Capitol Hill and commended by US congresswoman.

### Vice President CJSIA [↗](#)

2018 - Present

Entrepreneurial hub connecting students, mentors, and business leaders.

#### Achievements/Tasks

- Got 150 students, 8 schools, & 10 speakers. Organized seminars and lead workshops on topics ranging from public speaking to creative problem-solving.

### 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

- Got 250+ participants & secured sponsorships from major corporations (including Linode, Wolfram, and 1Password) totalling \$5K+.

## SKILLS

Python

Java

NumPy

TensorFlow

HTML/CSS/JS

Bootstrap

UI/UX Design

Data Analytics

Public Speaking

Leadership

## PROJECTS

### 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 (150+ 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)

### 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 1,200 users across our district.

### Unifyd [↗](#)

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

## RESEARCH

### NJ Governor's STEM Scholars Program

*Selected in an annual group of 90 students (1,000+ applications). 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. Work aims to help the visually impaired easily identify important signs.*

## OTHER AWARDS

USA Computing Olympiad Gold Division (Top 15% of all competitors).

Model United Nations (1x Best Delegate, 2x Outstanding Delegate, 1x Verbal Commendation).