

Samvit Agarwal

High School student with a passion for computer science and entrepreneurship.

✉ samvitagarwal03@gmail.com

📞 (732) 823 8456

📍 Princeton, NJ

🌐 www.samvit.me

EDUCATION

High School

West Windsor - Plainsboro High School South

2017 - 2021

GPA: 4.0/4.0(UW); 4.77/5.0(W)

Relevant Courses

- AP Calculus BC
- Advanced Topics in Physics Honors
- Advanced Topics in Computer Science Honors

WORK EXPERIENCE

Mentor

Code Ninjas [↗](#)

2019

Princeton, NJ

Achievements/Tasks

- Helped students transition into game development by working with them to build games using languages such as Scratch, JavaScript, and C#.

President and Founder

CS Remastered [↗](#)

2018 - Present

Princeton, NJ

Achievements/Tasks

- Founded a 501(c)(3) nonprofit organization aimed at teaching students one-on-one computer science for free. Recruited more than 200 people in total, and solicited partnerships from various organizations and companies.
- Designed and developed the website.

Summer Research Intern

University of Pennsylvania

2019

Philadelphia, PA

Achievements/Tasks

- Worked under a UPENN professor to conduct research regarding cybersecurity and key-exchange protocols. Also worked on developing a fully anonymous messaging service that prevents issues such as traffic analysis and packet sniffing, thus providing even greater security than modern messaging platforms.

Director of Technology

CJSIA [↗](#)

2019 - Present

Princeton, NJ

Help students hone their skills in innovation and entrepreneurship.

Achievements/Tasks

- Lead the technology department and helped design and develop the website.

SKILLS

Python

Java

NumPy

TensorFlow

HTML/CSS/JS

Bootstrap

UI/UX Design

Deep learning

Data Analytics

Public Speaking

Leadership

PROJECTS

Intellicity

- Built a platform that provides users with a flexible, real-time app that adapts to the city around them, and crowdsources important information such as crime in realtime.
- Won top 30 at PennAPPS 2019(800+ competitors).

Social Eyes

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

Crisis Connect

- Built to provide victims of natural disasters a means of communication without access to the internet or cellular data.
- Won top 5 at ProfHacks 2019(200+ competitors)

Unifyd

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

ACHIEVEMENTS

USA Computing Olympiad(Gold Division)

Placed in the Gold Division of this national computer science olympiad(Top 15% of all competitors).

Gold Presidential Volunteer Service Award

Contributed significantly to multiple nonprofit organizations.

YouTube(Content Creator)

Generated over 4M views and over 12K subscribers on my YouTube channel where I make technology related videos and how-to guides.