

## EDUCATION

**New York University**, Brooklyn, NY B.S. Computer Science 2026 (Paused) **Relevant Coursework:** Computer Architecture, Data Structures & Algorithms, Object-Oriented Programming, Intro To Web Design **Achievements and Honors:** Beta-Developer for FTC, Control Award Nominee (Top 6 in World) for Best Programming at 2016 FIRST Robotics World Championships, Lead RobotC Instructor at various FIRST Robotics Statewide Conventions, Say Watt Robotics World Qualifiers (2011-2016), MS PowerPoint Certification from Microsoft, AP Scholar with Distinction, Dancer Performer at Disneyland Paris, Dance Performer at Lincoln Center, Dance Performer at Carnegie Hall  
**Test Scores – SAT:** 1500/1600, **SAT II Math:** 800, **SAT II Chemistry:** 780, **AP Calculus AB:** 5, **AP Calculus BC:** 5

## SKILLS

**Software Languages:** C++, CSS(novice), HTML, Java, JavaScript, Python, Swift (novice), Unity's C#, XML, x86 Assembly(Comp Arch)  
**Software/Packages:** Adobe Suite, JS's Ajax, Android Studio, Arduino IDE, Audacity, Dev-C++, FireBase, Flask, GitHub, Google SketchUp, Microsoft Office, MySQL, NetBeans, OpenGL, Python's mySQLdb(C API Wrapped), RobotC, Unity, VMware WorkStation, WordPress  
**Hardware:** Arduino, Dremel, Hand Mill, Laser Sight Drill, Heat Gun, Oculus Rift S, MakerBot 3-D Printer, Myo, Soldering Iron  
**Other Skills:** Babysitting, Woof Walking, Ultimate Frisbee, Board Games, Hip-Hop, Bhangra, Bollywood Dance, Hindi (fluent), Spanish (novice)

## PROJECTS

**Platformer Game (GLEW Package, C++ 14)** September 2021 - December 2021

- Physics system with acceleration for difficulty
- Responsive enemy design and troubleshooting

**Arduino VR Proof of Concept (Unity3d, Unity C#, Oculus Rift S)** July 2020 - September 2021

- Multiple environmental displays based on Arduino sensor input
- Research Project under NYU's CS Department

**AdoptAPet Sample Site (HTML, CSS, JS)** Summer 2018

- Doggos For Adoption ([saransh44.github.io/puppy-website/index.html](https://saransh44.github.io/puppy-website/index.html))
- Demoed and Scalable to most screen Sizes

## PROFESSIONAL EXPERIENCE

**Shubham International, Coordinator and IT Support**, Mumbai, India October 2024 - Current

- Schedule and coordinate video shoots with videographers and clients
- Assist executive in current marketing campaigns
- Support internal team to make sure the website and campaigns are running smoothly

**Sakkhi, Cashier, Retail Sales Associate, Front Desk Receptionist, Personal and Executive Assistant**, Edison NJ January 2016 – October 2024

- Performed inventory checks
- Coordinate external booth showings and internal events
- Maintain calls and contact between manager and external clients
- Provide MS365 Support to manager and clients
- Handle sales as a representative

**SteamWorks, Teacher**, Edison, NJ July 2018 - August 2018

- Taught Arduino wearables and Raspberry Pi programming classes
- Supplemented the curriculum with hands-on projects, demos, and presentations

**BlueStamp Engineering, Technical Assistant**, Manhattan, NY June 2017 - August 2017

- Gave lectures on website design to more than 60 students
- Worked with students during office hours to co-create and troubleshoot their website code

**Stanford Pre-Collegiate Summer Institute, Stanford University**, Stanford, CA June 2016 - July 2016

- Wrote a research proposal and abstract examining the relationship between construction and soil erosion
- Presented findings to Stanford affiliated professors and Stanford students

**Squad Goals Fitness, Co-Founder and Chief Technical Officer**, Cambridge, MA July 2015 - September 2015

- Co-founded a smartphone-based exercise-oriented startup through the MIT Launch summer program
- Pitched to New Atlantic Ventures

## ADDITIONAL ACTIVITIES

**UltraViolets Live! - NYU Inter-Residence Talent Competition**, Manhattan, NY November 2017 - Present

*Hip-Hop Competitor (Fall Season Every Year)*

**Indianica Dance Academy**, Iselin, NJ September 2004 - 2017

*Finale Performer 2006-2017, Featured Soloist (2016)*

**Say Watt FIRST Robotics**, Edison, NJ August 2011 - 2017

*Co-Captain of Software 2014-2015, Captain of Software & Co-Captain of Team 2016 – 2017*