

EDUCATION

New York University, Brooklyn, NY B.S. Computer Science 2023 (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)
- Demoed and Scalable to most screen Sizes

PROFESSIONAL EXPERIENCE

Shubham International, Coordinator, Mumbai, India October 2024 - Current

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

Sakkhi, Executive Assistant, Edison, NJ January 2016 – October 2024

- Received and made calls on behalf of the company
- Operate sales entries in machines
- Maintain contact between manager and external clients
- Provide MS365 Support to manager and clients

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