

# Tanmay Singhal

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## OBJECTIVE

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An enthusiastic undergraduate at Stony Brook University, with a strong GPA of 3.6/4.0. Actively pursuing an internship in software development and/or information systems during this upcoming summer. My primary objective is to acquire practical, hands-on experience in the realm of computer science.

## EXPERIENCE

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### Web Developer & Social Media Manager

January 2023 – Present

*SGN Nanopharma Inc. & CBellaNaturals*

*New York, NY*

- Designed captivating web pages and took charge of the management and maintenance of CBellaNaturals.com and SGN.bio, nurturing their growth and ensuring consistent reliability.
- Curated compelling social media content across Instagram, Facebook, LinkedIn resulting in the expansion of the brand's reach and engagement.

### Web Master & Computer Specialist

January 2022 – Present

*Chappaqua Swim & Tennis LLC.*

*Chappaqua, NY*

- Developed and managed user-friendly and informative website for the club, cstclub.com.
- Provided IT services to assist with the day-to-day operations of the club.

### Robotics Intern

July – August 2021 & July – August 2022

*aRobotics Company*

*Ossining, NY*

- Working collaboratively, meticulously designed, and fabricated components for robotic components leveraging technologies such as 3D printing (Fusion 360 + Ultimaker Cura), CNC machine, and machined by hand.
- Developed production code tailored for Raspberry Pi modules and an array of sensors using Python.
- Enhanced the digital presence by contributing to website development mainly enriching the product portfolio.

## EDUCATION

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### Stony Brook University

Stony Brook, NY

*Bachelor of Science in Computer Science*

*Expected May 2026*

- Relevant Coursework:** Foundations of Comp. Sci., Data Structures, Programming Abstractions, System Fundamentals I Software Engineering, Applied Linear Algebra, Calculus I & II, Finite Mathematical Structures
- Stony Brook Robotics Club:** Part of the GUI controls team and worked on enhancing the user interface.

### Ossining High School

Ossining, NY

*Advanced Regents High School Diploma*

*September 2018 – June 2022*

- Research was conducted under the guidance of Dr. Ujwal Krothapalli, focusing on the utilization of innovative transfer learning techniques in conjunction with the creation of a crowdsourced dataset with indoor objects.

## LEADERSHIP EXPERIENCE

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### Ossining Engineering Club | President & Vice President

September 2020 – June 2022

- Facilitated communication within the club, coordinated regular meetings, and maintained daily correspondence with members/mentors. Responsible for setting and tracking the club's objectives (competitions/outreach).
- Broadened the club's reach by expanding the network of outreach, mentored multiple FRC & FLL teams.

### Sewa International Lead Program | Lead Intern

June 2018 – August 2020

- Coordinated blood drives, park cleanups, and food pantry initiatives to assist my immediate community.
- Set up social media campaigns to advertise Sewa International's relief efforts.

## TECHNICAL SKILLS

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**Programming Languages:** C, C++, Python, HTML/CSS/Javascript, Java, OCAML, R, React, Node.js, MongoDB

**Languages:** English, Hindi, French (NYS Seal of Biliteracy in English & French)

**Computer:** Office 365, Google Suite, Google Cloud, GraphPad Prism)

**CAD:** Autodesk Inventor & Fusion 360, Ultimaker Cura)

**Graphic Design:** Adobe Photoshop & Canva