

Arnit Sinha

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EDUCATION

Clarkson University | *Bachelor of Science in Computer Engineering: Sophomore*

Potsdam, NY | **Spring 2026**

- GPA : 3.0 / 4.0
- Minor : Software Engineering

SKILLS/KNOWLEDGE

- **Software Tools:** *Excel, MATLAB/Simulink, C++, Python, JavaScript, Microsoft Office, Photoshop, After Effects, Premiere Pro, Illustrator, XPressions, VSCode, Github Pages* **Proficiency:** Strong
- **Knowledge:** *HTML/CSS, Arduino, Motion Design, Graphic Design, Filmography, Photography* **Proficiency:** Strong

EXPERIENCE

Extracurricular Experience

Chief Engineer | WTSC The Source 91.1

Potsdam, NY | **08/23 - Present**

- Successfully managed and maintained all technical equipment and systems at the radio station, ensuring optimal broadcasting quality and uninterrupted transmission, while consistently upholding strict FCC regulations to meet compliance standards.
- Spearheaded comprehensive general maintenance initiatives within the radio station, overseeing the upkeep and functionality of the facility beyond technical equipment, resulting in a conducive and efficient work environment for the entire team.

Chief Engineer | Clarkson CCTV

Potsdam, NY | **08/23 - Present**

- Proficiently established and managed camera setups and video switching gear, orchestrating impeccable visual feeds and seamless transitions during broadcasts.
- Collaborated closely with ESPN to ensure precise adherence to sports streaming prerequisites, enhancing the quality and reliability of live broadcasts.

President | South Asian Student Intercultural Association

Potsdam, NY | **12/22 - Present**

- Led a dedicated team in organizing a series of culturally enriching events, including festivals, workshops, and discussions, promoting intercultural understanding and academic growth.
- Collaborated with campus administration to secure necessary resources, funding, and space for SASIA's initiatives, ensuring the association's sustainable growth and impact.
- Established partnerships with other student organizations, creating collaborative opportunities that amplified cultural awareness and promoted unity across various backgrounds.

Mentor, Media Production Center | Clarkson University

Potsdam, NY | **12/22 - Present**

- Guiding students through the entire production process (pre-production to post-production).
- Maintaining and operating a variety of multimedia equipment, including cameras, audio recording devices, lighting equipment, and editing software worth over \$40000.

Associate Producer | ESPN+ (Clarkson Hockey)

Potsdam, NY | **11/22 - Present**

- Communicating with the director and other production crew members to ensure smooth integration of graphics into the broadcast.
- Updating graphics content during the broadcast of over 2000 players and 60 teams to ensure accuracy and relevance.

Leadership Assistant | Upstate Founders

Potsdam, NY | **02/23 - 05/23**

- Monitoring in mastermind meetings of Executive Board members of over 400 participating start-ups or companies in northern NY.
- Overseeing meeting discussions for recurring meetings and identifying any active problems to solve.

Marketing Chair | Society of Asian Scientists and Engineers, Clarkson University

Potsdam, NY | **09/22 - 05/23**

- Increasing engagement by 1200% by implementing new marketing strategies to promote organization events, initiatives, and brand.
- Using monitoring tools to verify the effectiveness of strategies implemented.
- Driving engagement using various marketing channels such as social media, email, website, flyers and print media.

Senator | Clarkson University Student Association

Potsdam, NY | **09/22 - 05/23**

- Committed to representing the interests and needs of the student body by voting and bringing up active problems faced by the student body.
- Managing a budget of \$2 million annually and \$20,000 monthly with other senators ensuring that all expenditures were in line with organizational goals and financial guidelines.

Project Experience

3Dfx Art Collective

Potsdam, NY | 07/23 - Present

- Conceptualized and designed intricate 3D-printable models, optimizing for easy integration into urban environments while ensuring structural integrity using recycled PLA plastic and clever design features.
- Orchestrated the implementation of QR code-based system, enabling finders to claim art pieces, and introduced innovative drops that expanded the interactive experience.
- Produced captivating videos by combining CGI and 3D-printing footage, showcasing the potential of marrying digital artistry with tangible creations, and managed social media channels for surprise drop announcements.

Portfolio Website Development Project

Potsdam, NY | 05/23-08/23

- Conceptualized, designed, and developed a responsive personal portfolio website, showcasing achievements and projects to potential employers and collaborators.
- Implemented modern UI/UX design using HTML5, CSS3, and JavaScript, with an organized navigation system for easy exploration of projects and integrated a user-friendly content management system for hassle-free updates.
- Ensured optimal performance through image optimization, browser compatibility testing, and efficient deployment, enhancing accessibility and establishing a strong online professional presence.

Module Design Lead | President's Challenge

Potsdam, NY | 09/22 - 10/22

- Programmed an Arduino to incorporate LED lights, a servo motor to pull a string activated by a SONAR sensor detecting a puck in order to act as a functioning module in a rube goldberg machine.
- Collaborated with team members to troubleshoot issues during the design and implementation process, ensuring timely completion of the completed module and conducted thorough testing and quality assurance to guarantee that the module was fully functional.
- Presented the final module in conjunction with the entire machine during a hockey game taking the entire module on and off the ice within 3 minutes.

Marketing Director | North East Regional Conference, Society of Asian Scientists and Engineers

Potsdam, NY | 11/22 - 02/23

- Collaborated with the conference organizing committee to develop a brand identity that effectively communicated the conference theme and goals to potential attendees and provided regular updates and reports to the conference organizing committee on the status of marketing efforts and overall attendance trends.

AWARDS

Ignite Presidential Fellow | Clarkson University

- Selected as one of ten scholars to receive full tuition coverage for four years of undergraduate study.
- Recognized for exceptional academic achievements, leadership potential, and commitment to fostering positive change within the university community.