

# SURAJ CHAUDHARY

New York City, NY

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## EDUCATION

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### St. Joseph's University, New York

*Expected Graduation: May 2027*

- CGPA: 4.0
- B. Sc. Honors, Mathematics & Computer Science (Dual Major)
- Dean's List, President's List, Honors Student

## PROFESSIONAL & LEADERSHIP EXPERIENCE

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### Bridge to Literacy – *Founding Member & Web Developer (Volunteer)*

*August 2020 – February 2025*

- Established Bridge to Literacy as an international, UNESCO-partnered, U.S. Department of State-funded President's Volunteer Service Award-certified global educational non-profit.
- Designed, developed, and optimized the organization's [website](#) to connect students, teachers, and donors to help students from underserved communities learn English.
- Optimized website's SEO to rank #1 on Google and Bing search engines for relevant keywords.
- Initiated and ran an email marketing campaign to increase volunteer participation by 200%, building a team of 150+ high school students from 17 countries.

### High Approach Pvt. Ltd. – *Founder*

*October 2021 – June 2024*

- Built [a website](#) to provide quality study notes to students from different parts of Nepal.
- Wrote 200+ SEO-optimized articles to help high school students with notes and study insights.
- Ranked the website on the first page of Google for 5,300+ keywords with quality & SEO-optimized content.
- Developed web apps such as Nepali Unicode, Date Converter, Word Counter, etc.
- Optimized the SEO of the website to receive 70,000+ pageviews each month.
- Created [video tutorials](#) for several programming problems, technology, and life guides.

## PROJECTS

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### Korea Telecom and SK Telecom Scraper ([GitHub](#), [GitHub](#))

Used Python (BeautifulSoup, Deep Translator, Requests, CSV) to scrape the mobile plans offered by Korea Telecom and SK Telecom, the largest mobile plan providers in South Korea. Fetched plan info in Korean, translated to English and organized parsed data in CSV for readability. Set up an EC2 instance on AWS to automatically pull the latest source code from GitHub, run the script every 6 hours, and append changes in the plans.csv and status in a crawler.log file.

### AutoWall X ([GitHub](#), [Mac App Store](#))

Solved a personal problem. Built a lightweight Mac menu app using Swift to automatically switch the wallpaper upon theme change. Accessed local storage for wallpaper and headless UI. Implemented "open at login" and scheduled appearance switch for usage ease. Reviewed and resolved issues raised by users on GitHub.

### Stay Healthy ([GitHub](#))

Programmed a Chromium-based extension using JavaScript which reminds you to take a break from your computer. It prompts the user to look away from the screen every 20 minutes as per Healthline's suggestion for healthy eyes.

### New York Jobs CEO Council Software Engineering Job Simulation, Forage

- Completed a challenging simulation focused on debugging and developing features for the software engineering team.
- Resolved a critical bug in an automated billing system by skillfully identifying the root cause and developing an effective solution.
- Improved user experience by developing a code that supports a note-taking feature on each invoice, enhancing communication and transparency between senders and recipients.

## TECHNICAL SKILLS

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- **Languages & Frameworks:** Python, C/C++, JavaScript, Java, TypeScript, Swift, ReactJS, AWS, EC2, HTML/CSS, Bootstrap, BeautifulSoup, Selenium, Deep Translator
- **Developer Tools:** GitHub, Git, Visual Studio (VS) Code, Cursor, Trae, WordPress, GoDaddy, Kit, Figma
- **Additional Skills:** Design, YouTube, Email marketing, Search Engine Optimization (SEO), Google Suite, Microsoft Office (Excel, Word, PowerPoint), Adobe Photoshop, Lightroom, Final Cut Pro X, Canva, Adobe Premiere Pro, Fast typing (106 WPM), Leadership
- **Spoken languages:** English, Hindi, Nepali, Punjabi, Bhojpuri, Bajjika, Tharu