

# Suraj Chaudhary

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## Education

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

Expected Graduation: May 2027

*Bachelor's in Mathematics and Computer Science*

GPA: 4.0

- Dean's List, President's List, Honors Student
- **Relevant Coursework:** Programming in Java, Object Oriented Programming (Python), Calculus I, Calculus II, Discrete Mathematics

## Technical Skills

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**Languages and Technologies:** Python, JavaScript, Java, C/C++, ReactJS, TypeScript, Swift (MacOS), TailwindCSS, Amazon Web Services (AWS), Git, GitHub, Visual Studio Code, XCode, IntelliJ, PyCharm, Jupyter Notebooks, MySQL, HTML/CSS, Bootstrap, BeautifulSoup, Selenium, Deep Translator, Figma, WordPress

**Additional Coursework:** HarvardX (CS50's Introduction to Computer Science)

## Projects

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### KoreaTelecom Scraper | [\[Github\]](#) | Python, BeautifulSoup, DeepTranslator, AWS

- Built a dynamic Python scraper to extract mobile plan details in Korean, translate to English, and format into CSV.
- Deployed to AWS EC2 with a 6-hour (then 7-day) cron job to log updates automatically.

### AutoWall X | [\[Github\]](#), [\[Mac App Store\]](#) | Swift

- Developed a Swift-based macOS menu bar app that auto-switches wallpapers based on system appearance.
- Implemented launch at login, scheduled mode switch, and version 1.1 updates based on user feedback.

### Stay Healthy | [\[Github\]](#) | JavaScript, HTML/CSS

- Created a Chromium extension in JavaScript to remind users to take screen breaks every 20 minutes.
- Implemented custom time selector feature and live countdown for user flexibility.

### CEO Council Software Engineering Job Simulation, Forage | Python, Debugging

- Completed a challenging simulation focused on debugging and developing features for a software engineering team.
- Resolved a critical bug in an automated billing system by identifying the root cause & 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.

## Experience

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### St. Joseph's Computer Science Club

Sep 2024 - Present

*Incoming President and Executive Member*

*New York City, NY*

- Organized and facilitated multiple technical workshops and speaker sessions in collaboration with club members.
- Coordinated panel discussion featuring industry experts, including Siddhartha Sen, Principal Researcher at Microsoft Research AI Frontiers Lab, enhancing academic-industry engagement.
- Increased student participation by 42% and fostered a collaborative environment for learning and innovation.

### ACM Hackathon – 1st Place Winner | [\[DevPost\]](#), [\[Demo\]](#), [\[GitHub\]](#)

April 2025

- Collaborated on game concept, level/map design, and mechanics.
- Developed in HTML5 Canvas + JavaScript with responsive scaling, interactive elements, and sound integration.
- Judged by university professors on creativity, gameplay, and technical execution

### High Approach Pvt. Ltd.

Oct 2021 - Jun 2024

*Founder*

*Nepal*

- Created a widely used [education site](#) (70,000+ monthly views) with 200+ SEO-optimized articles.
- Ranked for 5,300+ keywords on Google; produced [YouTube tutorials](#) and guides.

## Involvements and Certifications

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Code For Nepal, Bridge to Literacy, Rotary International, St. Joseph's International Student Association, St. Joseph's Computer Science Club, HarvardX