

# Aakriti Aggarwal

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<https://www.linkedin.com/in/aggarwalaakriti/>  
<https://github.com/aakriti-aggarwal-11>



## EDUCATION

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- **B.E. – Computer Science and Engineering** | 8.5  
Punjab Engineering College (PEC), Chandigarh, India

July 19' - June 23'

## PROFESSIONAL WORK EXPERIENCE

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### Codeucate, Chicago, USA | *Web Developer Intern*

July 20' – Aug' 20'

- Supported senior developers with creation and maintenance of the profile database for over 300 students.
- Proposed the use of AI (IBM Watson) for creating the website chatbot, listing details of entities and intents according to the target audience. Trained the chatbot for an optimised conversation.
- Created a Class Scheduling Section on the website using the FullCalendar API (JavaScript).
- Helped create separate profile databases for employees and students using Microsoft Azure.
- Contributed to co-ordinating the database with the password protected website profile dashboard.
- One of the initial team members of the start-up, laid down a foundation for the first version of the company website.

## PROJECTS

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### Analysing COVID-19 Data (<https://github.com/aakriti-aggarwal-11/Analysing-COVID-19-data>)

- Scraped live COVID-19 data of over 100 countries using Python (Beautiful Soup and Matplotlib).
- Visualised data in the form of easy-to-read graphs corresponding to total cases, mortality rate, and total deaths in top 15 countries for convenient analysis of current trends.
- Consolidated the obtained data in updateable, labelled .csv files and saved the graphs as easily accessible images.

### Automating LinkedIn sent request withdrawal (<https://github.com/aakriti-aggarwal-11/LinkedIn-Request-Withdrawal>)

- Automated the process of withdrawing sent connection requests on LinkedIn in Python using PyAutoGUI.
- Withdrawal rate - The program can withdraw more than 100 requests per minute.
- At least 40% cut down in the manual time consumption in request removal.
- Used Fuzzy Logic and decreased detection accuracy to increase compatibility across devices.

### Automating GitHub uploads and commits (<https://github.com/aakriti-aggarwal-11/Git-Automation>)

- Automated the process of staging and committing changes to GitHub repositories in Python.
- Features include user selectable files and customisable commit messages.
- Eliminated the need for the command terminal almost entirely, making GitHub beginner-friendly.
- Increased accuracy and decreased time consumed by at least 20% in committing files manually using the command line.

## SKILLS

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|----------------|-------------------|---------------------------|---------------------|
| ✓ Python       | ✓ OOPs            | ✓ Web Scraping            | ✓ 3D Design –       |
| ✓ C++, C       | ✓ Data Structures | ✓ SQL                     | AutoDesk Fusion 360 |
| ✓ HTML         | ✓ Algorithms      | ✓ AI Chatbot – IBM Watson |                     |
| ✓ Git - GitHub |                   |                           |                     |