

# Achintya Jha

[achintyajha.com](http://achintyajha.com)

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## EDUCATION

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- Arizona State University** Tempe, AZ, USA  
*Bachelor of Science in Computer Science; GPA- 4.2; Dean's List* (All semesters) Aug. 2022 - May 2026  
**Relevant Coursework:** CSE 110: Principles of Programming, CSE 205: Object-Oriented Programming and Data Structures, CSE 120: Digital Design Fundamentals, CSE 240: Introduction to Programming Languages

## EXPERIENCE

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- Nucleus Software** New Delhi, Delhi, India  
*SWE Intern* Jun. 2023 – Aug. 2023
  - Worked on creating a Self-Service Portal for General Motors Financial. The application is presently operational in four countries of Latin America and provides extensive assistance to customers across their entire user experience.
  - Wrote automated tests for the entire application across four countries in Latin America through ATDD.
  - Tools Used: Spring Boot, Angular JS, Selenium, PL/SQL, ATDD, Agile.
- Tech Mahindra** New Delhi, Delhi, India  
*Machine Learning Research Intern* Aug. 2021 – Nov. 2021
  - Implemented chatbots in Hindi and Bengali for Ford Customer Care Service.
  - Worked on question answering model using Natural Language Processing.
  - Tools used: Python, BERT, PyTorch, Word2Vec.
- Saitama University** Saitama, Japan  
*Exchange Student Researcher* Nov. 2020 – Dec. 2020
  - Represented Indian Delegation at Sakura Science Program 2020.
  - Built a miniature autonomous car with automatic distance-detection and braking, under Professor Tairo NOMURA.

## PROJECTS

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- SentiMate** | [www.sentimate.org](http://www.sentimate.org)  
*Founder & Developer*
  - Built a depression detection system using Machine Learning and Natural Language Processing with an accuracy of over 97% (on test data).
  - Developed a social media web-app to give users a platform to express their thoughts and ideas about mental health and their experiences.
  - Tools Used: SciKit Learn, Flask, React JS, Scrapy, BeautifulSoup, Firebase.
- Pandora's Box** | [www.pandora.achntj.com](http://www.pandora.achntj.com)
  - A web data store with remote accessibility and features like read/unread and markdown.
  - Tools Used: ReactJS (Next JS), Typescript, Tailwind CSS, Prisma ORM, PlanetScale DB.
- Other projects at [achintyajha.com/projects](http://achintyajha.com/projects).

## HONORS AND AWARDS

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- Dean's List – Fall 22, Spring 23
- NASA Space Apps Challenge 2020 | National Winner, Global Nominee
- National Coding Olympiad 2021 | All India Rank 14
- Odyssey of The Mind | First Place at Regional Fair (National Level)
- Future Edge Challenge 2021 | International Rank 5
- Taekwondo Championships | Bronze Medal for 3 years, Played at nationals

## SKILLS AND INTERESTS

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**Languages:** English, Spanish, Hindi, Maithili

**Technical:** Java, TypeScript, JavaScript (*Libraries / Frameworks:* React JS, NextJS, Prisma ORM), Python (*Libraries:* numpy, pandas, scikit-learn, transformers, nltk, PyTorch), HTML, CSS (& Tailwind CSS), C++/C, UNIX, SQL, Git, Vim, ZSH.  
**Hobbies:** Taekwondo, Soccer, Calisthenics, Languages

**College Activities:** Google Developer Student Club at ASU, Software Developers' Association (SoDA), DevilFish Robotics