

Achintya Jha

achintyajha.com

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EDUCATION

- **Arizona State University** Tempe, AZ, USA
Bachelor of Science in Computer Science; GPA- 4.2; Dean's List (All semesters) Aug. 2021 - 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

- **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

- **SentiMate** | 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
 - 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.

HONORS AND AWARDS

- 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

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