

Achintya Jha

achintyajha.com

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EDUCATION

- **Arizona State University** Phoenix, AZ, USA
Bachelor of Science in Computer Science;
Relevant Coursework: Principles of Programming (CSE 110), Introduction to Engineering (FSE 100), Calculus for Engineers I (MAT 265), 'Culture, Language & Learning' (TCL 275), English – First Year Composition (ENG 107).
Aug. 2021 - May 2026

EXPERIENCE

- **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.
- **SentiMate** New Delhi, Delhi, India
Founder & Developer
Sep. 2019 – May. 2022
 - 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 platform 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.
- **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.
- **Walmart Labs** New Delhi, Delhi, India
Data Science Intern
Jun. 2021 – Jul. 2021
 - Studied and applied the best practices and techniques of data science on real sales data under Mr. Savio Fernandes, Walmart Labs India.
 - Analyzed sales datasets for 4 years and suggested various insights and trends.
 - Tools used: Python, Pandas, Numpy.

PROJECTS

- See all my projects at achintyajha.com/projects.

HONORS AND AWARDS

- 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
- Academic Excellence Awards throughout High School

SKILLS AND INTERESTS

Languages: English, Spanish, Hindi, Maithili

Technical: Java, HTML, CSS (& Tailwind CSS), JavaScript (*Libraries / Frameworks:* React JS, Next.JS, Prisma ORM), TypeScript, Python (*Libraries:* *numpy*, *pandas*, *scikit-learn*, *transformers*, *nlTK*, *PyTorch*), SQL, Git, Vim, ZSH.

Hobbies: Taekwondo, Soccer, Calisthenics, Languages

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