

Achintya Jha

achintyajha.com

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OBJECTIVE

Interested and aiming to work on projects involving web development, app development, and/or machine learning.

EDUCATION

- **Arizona State University** Phoenix, AZ, USA
Bachelor of Science in Computer Science; Aug. 2021 - May 2026
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). CSE 205: Object-Oriented Programming and Data Structures, Calculus for Engineers II (MAT 266), First Year Composition (ENG 102), Religion, Culture, Public Life (REL 101), Water Planet (SOS 182), Social Change (SOC 352).

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 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.
- **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, NextJS, 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), DevilFish Robotics