

# Achintya Jha

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

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## EDUCATION

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- **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

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- **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

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- See all my projects at [achintyajha.com/projects](https://achintyajha.com/projects).

## HONORS AND AWARDS

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- 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

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**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), DevilFish Robotics