Ekansh Arora

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EDUCATION

University of Illinois Urbana-Champaign   **Urbana, Illinois**
B.S. in Computer Science + Linguistics   *Expected Graduation, May 2028*
- o **Related Coursework:** Intro to Computer Science I (Kotlin), Calculus II, Principles of Economics, Intro to Language Sciences

EXPERIENCE

Scrabble Association of India (SAI)   **Delhi, India**
Exec. Member & Int'l Player   *January 2023 – December 2023*
- Coordinated with team members to organize national tournaments, enhancing competitive opportunities for players across the country
- Provided mentorship and guidance to 10+ aspiring players under SAI Buddy Program.
- Actively represented SAI in national & international competitions, winner of National School Championship, semifinalist at World Youth Scrabble Championship (WYSC).

PROJECTS

Clabbers   **Delhi, India**
Founder & Developer   *January 2023 – December 2023*
- Developed Python scripts with Pandas to clean and structure data, organizing words into 2-15 letter groups valid for Scrabble gameplay
- Built the frontend for the app using Dart and Flutter, providing an intuitive user interface for Scrabble enthusiasts
- Partnered with the Scrabble Association of India, integrating the app into national tournament preparation and daily word practice sessions
- Enabled daily practice sessions for 500+ national players, promoting consistent skill-building through word challenges

Matched.lol   **Urbana, Illinois**
Frontend Developer   *September 2024 - Present*
- Using Next.js, designed a web app with an intuitive UI that enhances profile setup and matchmaking for League of Legends players
- Created a mobile app using Flutter, providing a seamless UX across devices

PUBLICATIONS

Effects of AI in Scrabble   **Delhi, India**
Author   *April 2023 - October 2023*
- Researched human performance vs. AI bots, focusing on algorithms such as DAWG and GADDAG
- Published findings in the *International Journal of Computer Trends and Technology (IJCTT)*, 2023

ACTIVITIES AND LEADERSHIP

Student Council, High School   **Delhi, India**
President IT & Innovation   *July 2022 - June 2024*
- Led cybersecurity sessions for 600+ students in grades 6-8
- Organized state-wide technology competitions in 2022 and 2023, attracting 500+ participants from 40+ schools across 10 events
- Hosted CS Week, introducing Python basics to 100+ middle school students to inspire interest in technology

SKILLS

Programming: Dart, Kotlin, Python, JavaScript, HTML/CSS, SQL
Frameworks: Android Studio, Git, Figma, Flutter, React, Next.js, Jupyter Notebooks
Languages: English, Hindi (Native), French & Spanish (Elementary Professional)