Angelina Deol

deol2@illinois.edu
https://github.com/deolflora
+1 (217) 904-3142

EDUCATION

University of Illinois, Urbana-Champaign (UIUC) Urbana-Champaign, United States
 Bachelor of Science in Computer Science Aug 2023 – May 2027E
- GPA: 3.87/4.00 (James Scholar and Dean's List Fall '23)

Sanskriti School New Delhi, India
Senior Secondary Education Apr 2019 – Mar 2023
- 95% in Class 12th Board Examination for Physics, Chemistry, Mathematics, and Computer Science

PROFESSIONAL EXPERIENCE

Techjockey New Delhi, India
Mobile Development Intern Apr 2022 – Jun 2022
- Developed a dynamic online learning platform for iOS and Android using Flutter, implementing secure authentication (JWT) and OTP-based verification for over 1,000 users.
- Enhanced user engagement by 30% through responsive UI/UX design, personalized dashboards, and efficient API integrations for real-time course management and recommendations.
- Optimized app performance by implementing API pagination and caching using SharedPreferences, reducing data retrieval time on course pages, leading to faster load times and smoother user experience.

BioID New Delhi, India
Research Intern Apr 2022 – Jun 2022
- Reduced false acceptance and rejection rates by 20% in BioID's Active Liveness Detection software by identifying key discrepancies and optimizing detection algorithms, leading to enhanced biometric security
- Improved software accuracy by 25% through thorough analysis and testing of the 'Role of Face Liveness Detection in Biometrics,'ensuring more reliable user authentication and system integrity.

Unique Identification Authority of India New Delhi, India
Research Intern Nov 2021 – Feb 2022
(UIDAI- Government Organization that issues Unique IDs to all residents of India)
- Conducted rigorous testing and debugging to maintain data integrity and identify and resolve technical issues
- Actively participated by offering technical expertise and innovative ideas for process optimization and automation
- Pursued self-learning opportunities to stay updated on the latest computer science advancements relevant to UIDAI operations and identity authentication

LEADERSHIP AND EXTRACURRICULAR

HackIllinois, UIUC (https://hackillinois.org/) Urbana-Champaign, United States
Experience Team Lead Jul 2023 – Present
- Orchestrated an interactive scavenger hunt, amplifying participant engagement at the largest premiere collegiate hackathon in the Midwest, with over 600+ registrations
- Developed an extensive database of over 50 food vendors in Urbana-Champaign, evaluating their quality and logistical suitability for HackIllinois, facilitating diverse catering options
- Spearheaded the innovative Potion-Making event, developing themed beverages that elevated thematic engagement and satisfaction

Project Beta, Sanskriti School New Delhi, India
Logistics Core Member Apr 2022 – Mar 2023
- Headed and organized the 3D modelling event in the interschool competition 'Project Beta 5.0' attended by 100+ schools
- Secured 3rd position in annual Project Beta boot camp in Audio Visual editing

Girl Up Act (girlupact, student-led initiative under the Girl Up Campaign by the UN foundation) New Delhi, India
Graphic Design and Content Head Mar 2021 – May 2022
- Spearheaded digital rebranding of the club and managed 10+ webinars with a cumulative attendance of 500+ students
- Organized sanitary pad donation drives and donated over 5000+ sanitary pads to the underprivileged, conducted menstrual health awareness campaigns in over 12 slums

SKILLS AND INTERESTS

Technical Skills: Proficient in Python, Java, C++, SQL, JavaScript, Flutter, Firebase framework
Interests: National Rifle Association of India (NRAI) National level 10m Rifle shooter and State level 10m Pistol Shooter; Distinction - Grade 4 Guitar exam conducted by Trinity College London