

TUSHAR JAIN

COMPUTER SCIENCE

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EDUCATION

2017 - **University of Illinois at Urbana-Champaign**
2021 Bachelor's
Computer Science & Anthropology

2005 - **Lakshmipat Singhania Academy**
2017 Highschool

LINKS

GitHub : github.com/tj-tusharjain

LinkedIn : linkedin.com/in/tj-tusharjain

DevPost : devpost.com/tj-tusharjain

HandShake : illinois.joinhandshake.com/users/5612769

PROJECTS

SCHOOL ELECTIONS | Electronic Voting System

- Developed the first software to handle the school student council elections.
- Developed the Program in Python;
- Used TKinter to develop the GUI of the program;
- Was commended by the school authorities for the implementation of a more efficient method to host the elections.

MHacks X 2017 | LitRide

- Developed an Android Application that was a portal to booking Uber and Lyft Cars for free.
- Developed the application on Android Studio, used Java to write the script for the program and XML to design the application.
- Integrated the Google maps and real-time Lyft car tracker inside the application using the Google Maps api and Lyft api respectively.
- Used Google Firebase to create the Backend of the program, and integrated google sign-in on the application for easy registering of users.

MadHacks HeartBleed 2017 | VFIT

- Developed a Virtual Reality + Augmented Reality game for Physiotherapy.
- Developed the application on Unity Game Engine framework, used the Oculus Rift to create the Virtual Environment and Combined it with the Leap Motion hand sensor to create Virtual hands inside the environment.
- Scripted the Game on C# using Visual Studio.
- Created a game mode in which the application would ask to user to perform certain exercises, and depending upon how well the user does the exercise he/she shall get points on it.

SKILLS

PROGRAMMING

- Java • Python • C++
- C# (Basic Proficiency)

MULTIMEDIA

- Adobe Photoshop
- Adobe Premiere
- Adobe Illustrator

APPLICATION DEVELOPMENT

- Unity Game Engine
- Android Studio (Basic Proficiency)

ACTIVITIES

Association of Computing Machinery
Association of Data Science and Analytics
Director in Model United Nations Illinois
Member of UofI Debate Team

AWARDS

2015	Intl. Rank 73	International Informatics Olympiad
2015	Best Speaker	NIE Times of India Kolkata Debate
2015	3/100	Qualified for West Bengal Finals in TCS ITWiz
2014	Honorable Mention	Harvard Model United Nations India
2014	1/50	Quiz by the Computer Society of India

COURSEWORK

Introduction to Computer Science (CS125)
Honors Computer Science Course (CS196)