

AKANKSHA TANWAR

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2K18/IT/014

EDUCATION

B.Tech. (Information Technology)	2018-2022	Delhi Technological University	9.29 CGPA
AISSCE (Class XII)	2017	Sadhu Vaswani Int. School for Girls	94.8% (School Rank 2)
AISCE (Class X)	2015	Sadhu Vaswani Int. School for Girls	10 CGPA

INTERNSHIPS

- **Microsoft IDC, Microsoft, Hyderabad, SWE Intern** *May 2021 – July 2021*
 - Worked on a PoC in Azure India Live Migration Team (under Azure Compute IDC) to add Live Migration support for Write Accelerator enabled virtual machines
 - *Tools Used:* C++, Windows Test Authoring and Execution Framework (TAEF), Azure VMs
- **[WooTech, Singapore, Mentee](#)** *Dec 2019 – Jan 2020*
 - A remote-project under WooTech organisation, to develop a chatbot android app, which provides assistance to women regarding taboo topics. Implemented Google sign-in and integrated the FB Login; Trained the Dialogflow agent
 - *Tools Used:* Dart, Flutter, Dialogflow, Firebase

ACADEMIC PROJECTS

- **[AI Tic-Tac-Toe](#)** *June 2020 – July 2020*
 - Built an unbeatable version of Tic-Tac-Toe; implemented minimax algorithm using *Python* to predict best moves for varying difficulty levels along with the reverse implementation of the game, for web-based application
 - Optimised the time taken for the first move of AI by **99.9%**
- **[Word Embeddings and Text Similarity](#)** *Mar 2021 – Apr 2021*
 - A comparative study of word2vec, GloVe, and fastText word embeddings implemented using *Python*. Designed an interactive web application to extract synonyms, antonyms, and word analogy relations from user-given text. Used spatial distance measures and empirical evaluations

TECHNICAL SKILLS

- **Programming Languages:** C++, C, Python
- **Tools / Frameworks:** Git, Flask, Hyper-V Manager, Windows Test Authoring and Execution Framework
- **Libraries:** NumPy, pandas, Matplotlib, OpenCV, scikit-learn

ACADEMIC ACHIEVEMENTS

- **[Pre-Finalist, Myntra HackerRamp: WeForShe](#)** *April 2021*
 - A hackathon organised by Myntra; one of the **top 32** teams to reach the pre-finale out of **6000+** teams
- **[Second Runner Up, SheHacks DTU](#)** *April 2021*
 - Delhi's largest all-women hackathon; declared as the second runners-up of the hackathon amongst **100+** teams
- **[Winner, Women Techies '21- DSC VIT Vellore](#)** *March 2021*
 - Declared as the **winners** of the annual hackathon of VIT out of **170+** teams
- **[Google Women Techmakers Scholarship \(Asia Pacific Region\)](#)** *June 2020*
 - A global academic scholarship awarded to women with exemplary academic record, leadership skills and community impact through technology
 - Awarded to **~74 women** in APAC region every year with an acceptance rate of **2.8%**
- **[Mentee, Microsoft CODESS](#)** *June 2020 – July 2020*
 - Participated in the remote mentorship program by Microsoft, which included various tech assignments, webinars and innovative project implementation of AI Tic-Tac-Toe. Bagged the **third position** under the three-member team category in Microsoft Engage all over India, amongst **600+ participants**

POSITIONS OF RESPONSIBILITY

- **Director, Women Who Code Delhi** *July 2021 – Present*
 - Lead a 2700+ members strong [community](#), spearheaded the national flagship mentorship event- mentored volunteers, participants and distributed resources- noted a **300%** all time hike in registrations; lead and organised many events
- **Managing Editor, DTU Times, The Official Newsletter of DTU** *Aug 2021 – Present*
 - Mentored and expediated the compilation and editorial process of the 5000-copies strong quarterly newsletter
- **President, Sahitya, The Literary and Debating Society, DTU** *Aug 2020 – July 2021*
 - Managed different wings of society, ensuring relevant growth, promotion of the culture of literature and debating
- **Judge, HackOn 2.0 Hackathon** *May 2021*
 - Invited to judge the global hackathon organised by Major Hacking League with more than **370 teams** as participants