Ankitha Pilli

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Education

B.E (Computer Science) | 2015-2019 | Chaitanya Bharathi Institute of Technology | 9.45 (CGPA)

Intermediate | 2013-2015 | FIITJEE Junior College | 97.3%

Secondary Education | 2013 | Bhashyam Educational Institutions | 10.0 (GPA)

Internships

SOFTWARE ENGINEERING INTERN | MICROSOFT INDIA (R&D) Pvt. Ltd. | JUNE 2018 – JULY 2018

Project Title: ***Thrive Perspectives Power App***

Developed and reinitiated a Power App to facilitate the ease of providing and receiving feedback from colleagues and worked on adding ten operations to the underlying Wrapper API.

SOFTWARE ENGINEERING INTERN | MICROSOFT INDIA (R&D) Pvt. Ltd. | MAY 2017 – JULY 2017

Project Title: ***AI Powered Game Bots (Six Degrees of Separation)***

Based on the theory of Six Degrees of Separation, developed an application implemented in C# to connect any two celebrities in the world within six social connections.

Achievements and Scholarships

- Awarded the **Student Scholarship** to attend the Grace Hopper Celebration of Women in Computing *India* (**GHCI**) 2018 conference.
- One of the 20 girls in India who received the ***WeTech Qualcomm Global Scholarship Award 2018*** which is given to young undergraduate girls portraying leadership skills and excellence in STEM fields.
- Team Leader of the Team-Epitome which was selected for the grand finale of **SMART INDIA HACKATHON 2018** held in Chennai, India.
- Former Senior Wing (SW) Cadet at **National Cadet Corps (NCC)** and a C- Certificate holder who received the **Second-Best Cadet Award** (2016-2017) and Scholarship from Cadet Welfare Society, Delhi.
- Secured 10.00 CGPA and was ranked **first** in school and first in zone in SSC Board Examinations- 2013.

Positions of Responsibility

- **Placement Co-Ordinator** (2018-19) for Computer Science Dept-Training and Placement Cell, CBIT.
- **Organizer** of the event - "TECHNOPOLY" for our college's technical fest *Sudhee-2K17* at CBIT.
- **Volunteer** for organizing an event for our college's literary festival, *Literati*-2K16.

Technical Skills

- *Languages*: C, C++, JAVA, Python, C#
- *Operating Systems*: Windows, Linux
- *Databases:* Oracle SQL
- *Web Technologies*: HTML, CSS, Bootstrap
- *Others*: Data Structures and Algorithms
- *Tools:* PowerApps

Technical Projects

Conversion of 2D images to 3D images using Generative Adversial Networks | Aug 2018 - Mar 2019

Currently working on this project under the guidance of a professor in CBIT. This project aims to use the generative ability of GANs to render 3D images for better medical imaging, object design and modelling.

Basic Artificial Neural Networks (ANNs) in Supervised Learning | Jan- Mar 2018

Implemented Supervised Learning algorithms for ANNs such as Hebb Network, Perceptron, Adaline, Madaline and Back Propagation Network from scratch in C++ and verified with sample data.

A PMAY E-Learning Module for Urban Local Bodies (ULBs) and General Citizens| Mar 2018

In Smart India Hackathon 2018 under the Ministry of Housing & Urban Affairs, created a Web application to train ULBs on Pradhan Manthri Awas Yojna (PMAY), a government initiative to provide Housing for All and to keep citizens informed about new policies. Implemented this using PHP, Bootstrap and HTML.

University Management System Using C++ | Jan-Mar 2017

Created a console application to allocate universities to students after High School based on their EAMCET rank, University and Branch preferences and availability of seats in the Universities.

Technical Activities

- March 2017- Presented a **paper** on "A new era of Cognitive Computing with *IBM WATSON*" at JNTUH.
- Gave a **seminar** on "Introduction to Machine Learning" and received appreciation from our professors.
- Participated in the online qualifier round of **ACM ICPC-2017**(Amritapuri), *Hyderabad's Best Coder* Contest- 2017 conducted by Being Zero Organization and many events in various college fests.
- **Competitive Coding** on online judges like *HackerRank* and *CodeChef* (id: *ankithap*). Also participated in online contests such as Codiva, University Sprints etc.
- Part of the team of 5 girls who visited the Indian Rice Research Institute, Hyderabad to explore how Computer Science undergraduates can make an impact in the field of Agriculture and Rice Research.

Extra-Curricular Activities

- Attended PyCon India 2018, Women's Day Celebration at Microsoft IDC, 2017 as a part of CODESS platform and also attended 2018 Women Techmakers Event at IIITH organized by Google Developer Club, Hyderabad.
- Played **Table Tennis** for my college and have won women's doubles in Inter College TT Tournaments.
- Volunteered to **teach** Mathematics, Science & Social Studies to students of classes 8-10 during weekends.
- Attended a Personality Development course (Aug-Sept 2016) at Rama Krishna Math, Hyderabad.
- Hobbies: During holidays I indulge in singing, dancing, painting and cooking.