

Arya Ramchandani

503 George Bush Drive W, College Station, TX 77840
arya2000@tamu.edu • 409-354-3511 / +919870200016
GitHub - <https://github.com/arya200>

EDUCATION

Bachelor of Science, **Computer Science, Honors, Texas A&M University**, College Station, TX 2022
Minor: Game Design and Development.
Cumulative GPA – **3.7/4.0**
BD Somani International School, **IB Diploma**, Mumbai, India 2016-2018
Cathedral and John Connon School, ICSE, Mumbai, India 2005-2016

RELEVANT WORK EXPERIENCE

Unity Developer Intern – Games2Win, Mumbai, India June 2020 – Present

- Worked on the company's top selling game "Decisions" which has **over 50 million downloads** on the App store.
- Debugged and used Pragmas in **C#**, to successfully port the game from Android/IOS to WebGL.
- Using the **Google Sheets API** and **Unity** game mechanics, created a translation tool, that allows users to write and change text for over 20 languages in the game itself.
- Devised a way for character dialogues and story art to be changed **dynamically post-production** of the game.
- Learned about numerous browser security errors, while attempting to upload/download data from Google Sheets.
- Created a tool that prevented important parts of the story from being lost in translation and allowed for **smoother gameplay in over 20 languages**.
- Sharpened skills with **Git Review** by using Source Tree.
- Gained experience with working on a large game development project with many interconnected teams.

PERSONAL PROJECTS

Cricket Game 10 hours/week (2 weeks) May 2020

- Created a 3D Cricket Game using Unity and C# scripting
- Gained experience with UI control as well as physics components of objects.
- Learned C# scripting to move objects accordingly with mouse and keyboard functions.
- Designed mathematical scaling functions to scale real world speed and force components to in game values.
- Gained experience with MVC structure to ensure smooth scaling of features.

Texas A&M Hackathon 2020 College Station, Texas 48 hours/week (2 days) January 2020

- Designed a web and mobile application called "Student to startup" using bootstrap HTML, Google Firebase API, and PhoneGap.
- The application focused more on ensuring a personality match between the student and the startup.
- The web application would only connect those students whose qualifications matched keywords used in the requirements set forth by startup using Google Natural Language API.
- Once matched, startups could gain direct access to prospective students in a more informal manner using features such as direct messaging as well as sending short video responses.

Docker – LinkedIn Learning 10 hours/week(1 week) February 2020

- Learned how to create Docker files to run images using Docker toolbox.
- Successfully ran basic Docker images such as busybox and hello world from Docker hub.
- Understood basic commands to run Docker images in containers from online Docker tutorials.
- Currently learning how to manage multi-container environments and to dockerize dynamic web applications.

Twitter Parser 10 hours/week (1 week) September 2019

- Implemented a data-mining program in C++ that parses a dataset of over 20,000 tweets from Twitter and extracts insightful information such as hashtag popularity, and counts of tweets vs. retweets

LEADERSHIP EXPERIENCE & SKILL

- Member of Sophomores Leading and Motivating(SLAM) at Texas A&M
- Organized Street Clean ups of over 50 people in the Bryan-College Station Area
- Organized fundraising events to raise over 1000 dollars for Voices For Children in College Station.
- Programming Languages – Unity, Python, C++, C#, Java, HTML, LaTeX, Scheme(Functional language), R-Studio
- Design – Adobe Photoshop, <https://jabu2000.portfoliobox.net/>
- Languages – English, Hindi, Tamil