Objective

Arbhasun Banerjee

* Internship for Game Engine Developer

(with c++)

* Internship for Application Developer

(for Desktop, Web Browser or Mobile Devices)

#74, Mei layout Peenya 3rd phase, Bangalore-560-058.  
Karnataka, India.

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GitHub aRbhaSun20

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Engineering graduate in Computer Science having exposure to Engine Development and holding a strong record in competitive hackathons, leveraging my potential of problem solving, to deliver optimized innovative solutions in complex engine development.

Education

10-08-2018 - present

Bachelor of Computer Science Engineering

Government SKSJ Institute of Technology, under VTU, Belagavi, Karnataka

KR Circle, Bangalore- 560-001.

* Government of Karnataka.
* Currently pursuing 3rd year of engineering.

05-05-2016 – 15-06-2018

Pre-University Course – PCMB – 12th std

**Hymamshu Jyothi Kala Peetha Pre-university College**

Malleshwaram, Bangalore- 560-055.

* Pre-University, Government of Karnataka.
* Distinction with First Class 83.3%.

05-05-2015 – 15-04 -2016

Indian Council of Secondary Education (ICSE) – 10th std

**St. Mary’s Public School**

T. Dasarahalli, Bangalore- 560-058.

* Government of India.
* Distinction with 89.3%.

SkillS

Graphics developing techniques for game engines

* Better understanding of various UI/UX related aspects for game engine.

Exposure to leading game Engines

* Having Knowledge about modern memory management techniques utilized

in various engines.

Android and IOS based application

* Having Exposure to Android and IOS Development.

Web-Frameworks in Front-End

* Having Experience with Web- development Front-End frame-works using ReactJS and native JS.

Web-Frameworks in Back-End

* Having Experience with Web- development Back-End frame-works using NodeJS and Python.

latest projects

Simple Game Engine

* Simple Cross platform supported Game Engine.

Elevation Detector

* Hardware and Software solution for measuring un-evenness, for a

given segment of road and reporting the analysis.

Chatbot – Alicia

* Implementation of above game engine, easing the interaction

with visual and audio disability.

Custom Linux Operating System

* Terminal Linux OS built using LFS for adding Hardware and

Software interaction to Artificial Intelligence.

Simple Games

* Simple 2D and introductory approach to 3D game development.

Certifications

Elevation Profiler

* Data Acquisition and Visualization of any given Road Profile.

1st Prize at **IISC JAGRUTI 2020, Bangalore.**

AI Based Airport Authority Resource Management

* Effective management of airport resources based on real time data. Innovative Project at **VVCE Symbiot 2020, Mysore.**
* Similar Idea selected for SIH 2020.

Certification from various quiz and debate competitions

* Tcs Quiz 2020 college and district level competitors at **SVCE, 2020 Bangalore.**