Liton Barman github.com/LitonBarman

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**Education**

* **National Institute of Technology Arunachal Pradesh, 2019-2023**

Bachelor of Technology in Computer Science & Engineering, 8.07 CGPA

* **Kendriya Vidyalaya No.1 Itanagar**

Class XII (Senior secondary) CBSE, 79% , 2018\_2019

Class X (Secondary) CBSE, 9.8 CGPA, 2016-2017

**Experience**

* **PHP Developer Intern, Rise Retail & Payment Solutions Pvt. Ltd. , 01/02/2022 – 01/04/2022**

- Designed & Coded 2 core business module

- Improved 1 existing module & increase it’s performance by **12%**.

- Optimized the page’s performance for faster loading and browsing by reducing dependency on external third party API.

* **Full stack Developer Intern, Indian Institute of Technology (IIT Bhubaneswar), 1/01/2022 – 14/02/2022**

- Trained in technologies like **HTML5/CSS3, javascript, nodejs, python, bootstra**p

**- Implemented a Ecommerce website.**

* **Machine learning engineer intern, Indian Institute of Technology (IIT Bhubaneswar), 1/01/2022 – 31/01/2022**

- Worked with **tensorflow & Keras**

- Dveloped a **face & smile detection** application and **integrated with web application**.

**Project**

* **Arreca Rendering Engine**

- Developed a **cross platform** rendering engine in **C++, OpenGL 3.**

- Part of the game engine project (Arreca Engine), capable of **loading**, **rendering**, **animating** 3d models with the

ability to simulate basic lighting physics.

* github.com/LitonBarman/Arreca-Engine
* **Object Model Loader (OMI)**

- Coded a model loader library in **C++,** it can load **obj** (wavefront) & **fbx** model.

**-** Suitable for redering with **OpenGL, Vulkan** API, etc.

**-** github.com/LitonBarman/OMI

* **Spacespark**

-Programmed a **API less** social media platform for artist to share there arts

- Featured with Chating, group chatting, friend request,create group, posting stories, etc.

- **PHP, SQL Javascript** and HTML/CSS.

- github.com/LitonBarman/Spacespark

**Technical skill**

* **C/C++, PHP, Javascript,** HTML/CSS, Java, bash, **Cmake,** **git, github**
* **Apache** HTTP server, **MySQL** server, Filezila FTP
* Strong practical Knowledge of **Object Oriented Programming,** **API design,**
* **Data Structures & Algorithms**

**Certification**

NPTEL, Data structure & Algorithm in Java

**Achievement**

Got **letter of excellence** during internship from Rise Retail & payment Solution