

Education

2017-2022 | M.Sc. (5 year) in **Physics**
Expected | **Indian Institute of Technology**, Kharagpur

GPA: 7.51/10

Technical Skills

Programming	<i>Proficient:</i> Javascript, Python, Sass <i>Competent:</i> C, C++, Elm, Rust, Golang, Haskell
Libraries / Frameworks	Flask, Requests, React, Elm-UI
Systems / Platforms	Git, Heroku, Linux, Image Manipulation, Blender

Work Experience

July 2020 Ongoing	Fullstack Intern • Currently working as a Fullstack developer for Fifithtry, a tech startup aiming to revolutionize documentation. • Programming in Rust for the backend and Elm for frontend using the open source framework Realm. • Also contributing to the core development of the Realm web framework.	Fifithtry
May 2019 July 2019	Frontend and Design Intern • Designed and Created the website (finbox.in) of FinBox • Organized Design Sprints to target specific audiences, including customers, job applicants, media etc. • Started from scratch with UI/UX to develop a unique brand identity for the company. • Built with React-Static, a static site framework. Made personalized Icons and Illustrations with animations	FinBox
Sept 2018 May 2019	Asst. Tech Coordinator • Created the main Gymkhana website • Worked on the frontend of the Gymkhana Blog	Technology Students' Gymkhana, IIT Kharagpur

Projects

TodXpy	Created a command line todo application which focuses on simplicity and usability.
ePurifier	Created a command line tool to sanitize csv files containing emails.
Gymkhana Website	Worked on the newer version of Gymkhana website.
Kronos	Shows previous semester's grade distribution in a graph.
Gyft2	Generate Google calendar from students's time table on ERP.

Hackathons & Competitions

Dec 2019

MARG

Inter-IIT Tech Meet '19'

- Won the Gold Medal in Inter-IIT Tech Meet 2019 in the Coding Hackathon competition.
- Monitor Assess Report Guide : A portable device friendly application for citizens to assist in reporting a damaged road that requires attention, emergency situations (roads unfit for travel) and provide feedback on ongoing construction projects.
- Worked on UI/UX and handled the entire Frontend development of the Application. Being a PWA it utilized the WebAPIs for Camera and Location.

Positions of Responsibility

2019-2020

Executive Head

Kharagpur Open Source Society

- As an Executive Head, organized and lead workshops for Python, Ubuntu, Git etc. as a way to promote Open Source in IIT Kharagpur.
- Organized and Mentored in Kharagpur Winter of Code, a month long winter workshop for students to guide them in contributing to Open Source projects with 2000+ registrations across 75+ colleges.
- Managed the website and blog of KOSS in Hugo, also made several posters for events from scratch.

Extra Curricular Activities

- Personal website/Portfolio at xypnox.com. The site is pure HTML5 and SASS, with no templates. The focus is on speed and minimalism.
- Created a Geometric Modern font derived from Aileron. Made with FontForge, exported to OTF format. github.com/xypnox/oliver
- At IIT KGP, have been a part of several groups/societies/clubs' design team and created posters for them posters.xypnox.com.
- Contributed to several Open Source projects, Github profile at github.com/xypnox.
- Maintain a personal blog at xypnox.com/blog. Made with Hugo, a Go based static site generator with custom minimal theme.
- Have some of the UI/UX and design work showcased at behance.net/xypnox