**Sanandan Sashikumar**

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**Objective:** Seeking an internship in the field of Computer Science

**Education:**

**Bachelor of Science, Computer Science May 2028**

Rose-Hulman Institute of Technology, Terre Haute, IN GPA:

Minor in Cognitive Science and Cybersecurity

*Related Courses:* *Object Oriented Software, Calculus II, Physics II, Chemistry I*

The International School Bangalore, Bengaluru, Karnataka  **May 2024**

Honors: International Baccalaureate Score: 39/45

International Baccalaureate Courses: Physics, Chemistry

**Skills:**

**Software:** 7 years of Python, 4 years of Go, 2 years of Rust, 4 years of JavaScript and Typescript, React, NextJS, SvelteKit

**Systems:** Linux, macOS

**Language:** Basic French (French ab initio / A1A2 level of French)

**Experience:**

**Internship: Evidyaloka** (Indian NGO) | **June 2023-2024**

* Evidyaloka provides high-quality education for rural Indians via a digital medium and currently services 514 villages
* Helped develop the website, which is written in Python 2 and Django 1.4 for the NGO in a team of 5-10 people.
* Got experience working on legacy software
* Several developed features, such as Activities is still used in production today

**Projects:**

**School Project: Stock Simulator Date: November 2023**

* Led the development of a stock simulation game for a school event. Users were able to buy, sell and short stocks with prices changing between each round. Real share prices and financial indicators were found using the AlphaVantage API.

**Personal Project: Infinity Bot List Date: 2020 – Present**

* Developed a Discord Bot Listing website: <https://infinitybots.gg>.
* Developed software for basic remote system management (<https://github.com/infinitybotlist/sysmanage-web>)
* Developed an authentication proxy using Oauth2 (<https://github.com/infinitybotlist/deployproxy>)
* Developed a tool, written in Go, to migrate data from MongoDB to PostgreSQL (<https://github.com/InfinityBotList/hepatitis-antiviral>)

**School Research Paper: Modelling Leaf Growth Date: 2023 – 2024**

* Attempted to mathematically model the growth of leaves using Python.

**Personal Project: Physics Simulations Date: 2020**

* Modelled the Earth’s movement around the sun using Python.

**Leadership:**

**XAVAGE | November 2023**

* Coordinated the “Bulls and Bears” trading game for an inter-school event using a stock simulator I developed specifically for it.

**VIVUM | September 2023**

* Coordinated the “Bulls and Bears” trading game for an inter-school event using a stock simulator I developed specifically for it.

**TISBMUN Website | May 2023**

* Developed a website for a Model United Nations event with another colleague of mine

**Activities:**

* Volunteered at a community event which aimed to provide rural Indians with eye and ear tests | **2024**