

Dhruv Chawla

Vellore, Tamil Nadu, India



dhruv263.dc@gmail.com



[linkedin.com/in/0xdc03](https://www.linkedin.com/in/0xdc03)

Summary

A capable programmer learning compiler design. Experienced with interpreters, and familiar with systems and assembly programming. 4 years of experience with the C++ programming language.

Experience



Google Summer of Code Contributor (The ENIGMA Team)

Google Summer of Code

Jun 2022 - Sep 2022 (4 months)

In this project I worked on rewriting most of the frontend of the ENIGMA Development Language compiler, a scripting language based on GML with features from C++. I also rewrote most of the Binary Buffer system which deals with storing and reading data from byte streams. Finally, I made a serialization and deserialization system which uses template metaprogramming to decide the correct function to call for a given value.

<https://summerofcode.withgoogle.com/programs/2022/projects/BrXiUNA2>



Vice Chair

VIT Linux User Group

Jan 2022 - Present (1 year 2 months)

- Helped set up and coordinate the recruitment forum for the freshers' recruitment process
- Conducted interviews of new recruits
- Conducted the "Quality Control in Open Source Projects" event for VIT Vellore's Quality Week



Core Committee Member

ACM-VIT CHAPTER

Mar 2022 - Present (1 year)



Core Committee Member

VIT Linux User Group

Dec 2020 - Jan 2022 (1 year 2 months)

- Initiated discussions with the rest of the club
- Conducted the event "GIT IT RIGHT" , an introduction to the git version control system
- Worked on Arcadia Linux, an in-house Linux distribution

Education



Vellore Institute of Technology

Bachelor's degree, Information Technology

2020 - 2024



Navy Children School

AISSCE

2018 - 2020



Navy Children School

Intermediate

2014 - 2018



Navy Children School

Middle School

2008 - 2014

Licenses & Certifications



Introduction to Haskell Programming - NPTEL

NPTEL22CS69S2318078809012045



Design and Analysis of Algorithms - NPTEL

NPTEL21CS68S4332059403122958



Compiler Design - NPTEL

NPTEL22CS14S2446142802071248

Skills

Python (Programming Language) • C++ • C (Programming Language) • IntelliJ IDEA • Operating Systems • Linux • Rust (Programming Language) • Microsoft Visual Studio Code • Compilers • Interpreters