

## Education

### UPES

*B.Tech CSE - Spl. CC&VT, GPA: 7.89*

Dehradun, Uttarakhand

*Aug 2018 - Apr 2022*

### Vinyak Vidya Mandir

*State Board XII Std, Percentage: 85.85%*

Amravati, Maharashtra

### School Of Scholars

*CBSE Class 10th, Percentage: 86.2%*

Amravati, Maharashtra

## Projects

**Plagarism Detector** C, GCC, CMake <https://github.com/cypherBeep/Plagiarism-Detection>

A C executable which can detect percent of plagarism between two text files using different plagarism detection algorithms that use k-grams viz. KMP, Winnowing, Rabin-Karp and Naive String Matching.

**Debord Bot** Javascript, Heroku, Node JS

<https://github.com/cypherBeep/debord-bot>

A bot which uses puppeteer package to fetch quotes of Guy Debord from internet and store them in spreadsheets on cloud then tweet those using Twitter API at regular intervals.

**VM Translator** Javascript, Assembly, HDL

<https://github.com/cypherBeep/nand2tetris>

An stack based implementation of the classic VM Translator which can translate Hack language assembly code to VM code for a 16-bit machine architecture made from scratch.

**Hayek Token** Solidity, Truffle, Javascript

<https://github.com/cypherBeep/Hayek-Token>

Implementation of crypto token as per ERC20 standard built on Ethereum to use as an asset in the hospitality industry and loyalty programs.

## Skills and Interests

- \* **Programming Languages:** Javascript (preferred), C, Java, Rust, Bash, Solidity, Lisp.
- \* **Technologies and Tools/Frameworks:** Node JS, JQuery, PostgreSQL, Emacs, Linux, Distributed Systems, Git, Truffle.
- \* **Technical Skills:** Software Engineering, System Administration, Backend Managment.
- \* **Interests:** Decentralization Technologies, Blockchains, Ethereum Development, Cloud Computing.
- \* Discovering and implementing new ideas. Give me an API and a problem and I'll figure it out.
- \* I can readily learn and adapt to a new discipline, area or environmet and start pushing real results quickly.

## Certificates

### **Build a Modern Computer from First Principles: From Nand to Tetris**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/ZLWJJD4NS6A3>

### **Software Development Processes and Methodologies**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/QG39TCSVBRTZ>

### **Introduction to Software Product Management**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/PH8C62QQPWP9>

### **Introduction to Git and GitHub**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/EBSSXZXK428D>

### **The Arts and Science of Relationships: Understanding Human Needs**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/ERP6V6WKVKUB>

### **Introduction to Psychology**

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/WJ3RR4WXTSKM>

## Achievements

### **Project Expo Winner Dec 2020**

UPES

Won the best project award for Plagarism Detector in annual university competition.