



# JEREMIAH THOMAS

B. Tech – Computer Science Engineering

Gender: Male

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## Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2019 - Present	B. Tech - CSE	NIT, Trichy	8.99
2019	Class XII	Indian School Al Ghubra, CBSE	95.4%

## Academic Achievements

- **Semi-Finalist - Cargill Global Scholarship Program** (Jun 2021)
- **Finalist - Jitheshraj Scholarship**, a scholarship for promising freshman in NITT. (Dec 2020)
- **2nd Runner Up - Hult International Prize**. Shortlisted for World Regionals in Bandung (Nov 2020)
- **Winner - TechStars Start-up Weekend, Trichy** (Aug 2019)

## Portfolio

- **amazonClone** Oct 2021  
An amazon clone with the essential features, built using **MERN** stack as an attempt to understand how large apps are built from end-to-end. Implemented **Redux** to manage the states in a predictable fashion.
- **CoffeeReads (TechStars Start-up Weekend)** July 2021  
An app that favours budding authors by teaser-testing snippets of the book to users who then give genuine reviews. Based on the rating earned, top authors can pair up with top-tier publishing houses or even self-publish on their own with the traction they gain. It was built using **React**.
- **Performance Analysis 3 popular multi-way search trees** May 2021  
A simple Performance Analysis and Comparison of 3 popular multi-way search trees: **B+ Tree, B\* Tree and Van Emde Boas Tree** against **5 basic operations**: Insertion, Deletion, Search, FindMin and ExtractMin. Written in **C++**.
- **Linear Search Simulation using Turing Machine** May 2021  
A group project where our team designed a two-way, single-track Turing machine that simulates linear search on a given set of inputs and returns the corresponding index if an element exists. The transition table and helper functions were implemented in **C++**.
- **WhispersINcongnto** Dec 2020  
Modelled off the popular Chinese Whisper app where users can share their cumbering secrets anonymously. A project-for-learning where **6 differing levels of Authentication** were implemented

in increasing order from basic encryption to md5 hashing to bcrypt to Cookies/Session to finally OAuth2 with Passport.js. **EJS** was utilized for convenient rendering of webpages.

➤ Github Portfolio Link: <https://github.com/jeremytinkers>

## Technical Skills and Certifications

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- Programming Languages : C, C++, JS
- Technology Stack : MERN Stack, Flutter
- Other Software : Linux, Git, Android Studio, VSCode, Unity, Postman, ns2

## Positions of Responsibility

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- **Senior Manager, Marketing Team, Festember:** *Mar 2020 - Present*  
Rose to the ranks of Senior Marketing Manager of **Festember**, the National Level Inter-Collegiate Cultural Festival of NIT-Trichy. Chief responsibilities revolve around converting companies for sponsorship of Festember and leading the deputy managers. Clinched the **2nd highest** number of converts for Festember'20 by rethinking the team's strategy.
- **Team Lead, binUp, Google Developer Solutions** *Apr 2020 - May 2020*  
Led a team of 4 individuals in designing a technical solution for the Google Developer Solution Challenge '21. **Led** both **technical** and **UX efforts** for the app. It was built with **Flutter** and **Firebase**
- **Co-founder, coffeeReads, TechStarsSW** *Aug 2019 - Dec 2020*  
Responsible for leading the team, delegating tasks, and coming up with solutions/features to implement. Played a key role in **Product development** and **delivered the final pitch**. Our team **placed 1st** by God's grace.

## Extracurricular Activities

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### Social Activities:

- Spearheaded the **"NSS Eye-Camp,"** in partnership with Joseph Eye Hospital Trichy that secured a footfall of over **500**. (Nov 2019)

### Sport Activities:

- Secured the **1<sup>st</sup>** and **2<sup>nd</sup> place** for **Swimming Men** Freestyle 4X100 and Medley 4X100 respectively in **Sportsfete'19**, the inter department sports fest organized by NIT Trichy.

### Cultural Activities:

- Served as the **leading anchor** for the talk show, "Fanta with Santa" by **NITT PrayerCell**. (Dec 2019)
- Clinched the **3rd position** in the technical debate conducted by **BallByPicasso**. (Oct 2019)