

Sai Hemanth B

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY
B.TECH IN COMPUTER SCIENCE
ENGINEERING
MINOR IN MANAGEMENT
Started May 2016
Expected May 2020
Cum. GPA: 8.81

LINKS

Portfolio:// saihemanth.com
Github:// [shb9019](https://github.com/shb9019)
LinkedIn:// [saihemanthb](https://www.linkedin.com/in/saihemanthb)
Codeforces:// [saihemanth9019](https://codeforces.com/profile/saihemanth9019)
Spoj:// [saihemanth9019](https://www.spoj.com/users/saihemanth9019)

COURSEWORK

UNDERGRADUATE

Algorithms and Data Structures
Operating Systems
Data Communications and Networks
Automata and Formal Languages
Combinatorics and Graph Theory
Principles of Programming Languages
Computer Organization

SKILLS

PROGRAMMING

Languages
C++ • JavaScript • PHP • Solidity
Frameworks
React • Laravel • Truffle • NodeJS
Tools
Git • WebStorm • Visual Studio

EXPERIENCE

GMETRI STUDIO | WEB DEVELOPMENT INTERN

Nov - Dec 2017 | Bangalore | gmetri.com

- Improved and added functionalities on multiple **VR products** of clients built using **ReactVR** and **ThreeJS**
- Worked on **APIs** for company dashboard using **NodeJS**

DELTA FORCE | SOFTWARE DEVELOPER

Jul 2017 – Present | NIT Trichy | delta.nitt.edu

- The **programming club of NIT Trichy**, which handles most of the web and app development for various activities and festivals
- Conducted **Basics of Algorithms and Data Structures** workshop to help juniors get started with Competitive Programming

PROJECTS

CODE CHARACTER | JAN - FEB 2018 | WEB APP SOURCE

An **AI Programming Challenge** for Tech Fest Pragyan '18, where players, using a **high level API Provided**, control troops and occupy territories in a **real-time strategy simulation**

- 10,000+ matches by 1,300+ Players from over 70 countries
- Built the web app which enabled **user registrations**, **code submissions**, **running simulations** and communicated with the **C++ based simulator** using **React** and **NodeJS**

DATA BRIDGE | DEC 2017 | WEB APP SOURCE

Developed a **data sharing web application** which allows users to not only decentralize but also to incentivize data by making it available on a blockchain

- Winning Project of Pragyan Hackathon 2017
- Wrote Contracts for the **Ethereum Blockchain** using **Solidity** to store all the transactions over the app
- Linked **IPFS** to web app for seamless data storage over a worldwide blockchain

FESTEMBER | AUG 2017 | FESTEMBER.COM

- Part of the team which developed the frontend which used a **Content Management System** developed by Delta Force (Github Link)
- **Added Features** on the Backend API in PHP for **Student Registrations**. The APIs also served an **RFID card system** used by more than **8500 students** for identification and payments

AWARDS AND ACHEIVEMENTS

2017	Winner/60+ Teams	Pragyan Hackathon '17
2018	90 th /2800+	Codeforces Round #472
2018	Winner/50+ Teams	Triathlon - CS Quiz Contest, Vortex NIT Trichy
2018	Finalist/50+ Teams	Webbed - Speed Dev Event, Vortex NIT Trichy
2018	4 th /30+ Teams	Three's a Crowd - Team Coding Event, Pragyan