Anish Badri R S

in: Anish Badri R S ⌝

⍟: anishbadhri ⌝

✉: anishbadhri@gmail.com

☐: +91 9445453582

EDUCATION

SSN College of Engineering — Chennai, TN

*Bachelor of Engineering in Computer Science; GPA: 7.8/10.0* — *Aug. 2016 – May. 2020*

EXPERIENCE

Google India Pvt Ltd — Bangalore, KA

Software Developer Intern — *May 2019 - Jul 2019*

Worked in Google Apps team to create a bridge between Index Pagination and Token Pagination for the list users API call and to asynchronize tasks provided for user operations in Google Admin Console

Freshworks Inc — Chennai, TN

Software Developer Intern — *May 2018 - Jul 2018*

Integrated the flagship product of Freshworks(Freshdesk) with third party applications using Freshworks SDK running on NodeJS

PROJECTS

- **Command Line Tools for Codeforces** ⌝ : Built multiple command line tools to perform functions such as problem recommendation, downloading sample input & output, fetch unsolved virtual contest list and recent list of problems solved for the online judge, Codeforces. The tools were built on Python3 using BeautifulSoup and Codeforces API.
- **Boolean Satisfiability(SAT) Solver** ⌝ : Devised an application to determine if there exists an assignment of variables that satisfies a given Boolean formula. This is done using the DPLL algorithm with optimizations such as 2SAT and HORNSAT.
- **MFOTL to LTL** ⌝ : Worked on a command line based tool to reduce an unbounded model checking problem to a bounded model checking problem as an extension to NuSMV. This is facilitated by converting a Monadic First Order Temporal Logic Formula into a Linear Temporal Logic Formula, by using Quantifier Elimination.

CERTIFICATIONS

- **Design and Analysis of Algorithms** ⌝ : Overall Exam Score: 81%; Top 5% In the Nation
- **Model Checking** ⌝ : Overall Exam Score: 84%
- **Programming, Data Structures & Algorithm using Python** ⌝ : Overall Exam Score: 81%

SKILLS

- **Programming Languages & Technologies**
  - **Advanced:** C++, C
  - **Basic:** Python, Java, Linux Shell Script, Git, REST, SQL
- **Skills**
  - Data Structures, Algorithms, Propositional Logic, Model Checking, Boolean SATisfiability

ACHIEVEMENTS

- Qualified for ACM-ICPC'17 Asia Regionals
- Ranked 4th in ACM Chennai Provincial Contest(2017)
- Awarded 1st place in the eXLog inter-college math quiz conducted by SSN College of Engineering
- Have won several programming contests in various college technical symposiums
- Qualified for Indian National Olympiad in Informatics(INOI) by clearing Zonal Informatics Olympiad (2016)

ORGANIZATIONS

- Association for Computing Machinery (ACM)
- SSN Coding Community