ANISH BADRI R S

CS Enthusiast

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EXPERIENCE

Google India Pvt Ltd
Software Engineering Intern
📅 May 2019 – July 2019   📍 Bangalore
- Worked in Google Apps team to create a bridge between Index Pagination and Token Pagination for the list users API call provided in Google Admin Console

Freshworks Inc
Software Developer Intern
📅 May 2018 – July 2018   📍 Chennai
- 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.

CERTIFICATIONS

Design and Analysis of Algorithms
NPTEL
📅 Jul 2017 – Sep 2017   📍 Chennai
- Overall Exam Score : 81%
- Top 5% in the nation

Model Checking
NPTEL
📅 Jul 2017 – Oct 2017   📍 Chennai
- Overall Exam Score : 84%

Programming, Data Structures and Algorithms using Python
NPTEL
📅 Jan 2017 – Mar 2017   📍 Chennai
- Overall Exam Score : 81%

EDUCATION

B.E. Computer Science
SSN College of Engineering
📅 Aug 2016 – May 2020
GPA: 7.8

PROGRAMMING LANGUAGES

Proficient
`C++` `C`

Adept
`Python` `Linux Shell Script` `Java`

TECHNOLOGIES
`Git` `REST` `SQL`

OTHER SKILLS
`Data Structures` `Algorithms` `Propositional Logic` `Model Checking` `Boolean SATisfiability`

MOST PROUD OF

🏆 **ACM ICPC 2017**
Qualified for Asia Regionals Kharagpur

</> **ACM Chennai Provincial Contest '17**
Ranked 4th

</> **eXLog Math Quiz 2019**
Won first place in the inter-college math quiz conducted by SSN

</> **Smart India Hackathon 2018**
Finalist of SIH 2018 for the Ministry of Communication and Information Technology

</> **Programming Contests**
Have won several programming contests in various college technical symposiums

</> **Indian National Olympiad in Informatics**
Qualified for INOI by clearing ZIO (2016)

ORGANIZATIONS

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