

ANISH BADRI R S

CS Enthusiast

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in Anish Badri R S

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EXPERIENCE

Summer Developer Intern

Freshworks Inc

May 2018 – Ongoing

Chennai

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

Winter Developer Intern

AssessPeople Pvt Ltd

Dec 2017 – Jan 2018

Chennai

- As an intern at AssessPeople Pvt. Ltd, worked on converting their Careerwise website into an android app

PROJECTS

Boolean Satisfiability(SAT) Solver

Devised an application to determine if there exists an assignment of variables that satisfies a given Boolean formula. The given expression is converted to CNF form using Tseytin Transformation and is solved 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 MFOTL Formula into a LTL formula.

Pharmacy Management System

Devised an interactive application which aids in management of stock and financial records in a pharmacy

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: 7.73

Relevant Coursework

- Programming and Data Structures
- Design and Analysis of Algorithms

PROGRAMMING LANGUAGES

C++

C

Linux Shell Script

Python

TeX

HTML/CSS

NuSMV



TECHNOLOGIES

STL

Git

JSON

SQL

Socket Programming(in C)

THEORETICAL SKILLS

Propositional Logic

Model Checking

Boolean SATisfiability

MOST PROUD OF



ACM ICPC 2017

Qualified for Asia Regionals Kharagpur



ACM Chennai Provincial Contest '17

Ranked 4th



Google Code Jam 2018

Qualified for Round 2



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