

# ANISH BADRI R S

## CS Enthusiast

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in Anish Badri R S

anishbadhri

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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: 7.6

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 Algorithms  
Socket Programming(in C) Data Structures

## 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