Anish Badri R S

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EDUCATION

- **SSN College of Engineering** — Chennai, TN
  Bachelor of Engineering in Computer Science; GPA: 8.0/10.0 — *Aug. 2016 – May. 2020*

EXPERIENCE

- **AssessPeople Pvt. Ltd** — Chennai, TN
  Intern — *Dec 2017 - Jan 2018*

  As an intern at AssessPeople Pvt. Ltd, worked on converting their Careerwise website into an android app. This included
  -Creating and improving app design to improve UI
  -Developing layout for every activity and placement of all instances on each activity

PROJECTS

- **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.
- **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** ↗ : 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%
- **Diploma in Unix & C**: Overall Grade: A
- **Diploma in J2EE Programming**: Overall Grade: A

SKILLS

- **Programming Languages**

  - **Advanced:** C++, C
  - **Basic:** Python, Java, NuSMV, PL/SQL, Shell, LaTeX, HTML/CSS, Markdown, Arduino

- **Technologies**

  - **Experienced:** STL, SQL, Socket Programming(in C)
  - **Basic:** Android, Git, JDBC

ACHIEVEMENTS

- Qualified for ACM-ICPC'17 Asia Regionals
- Ranked 4th in ACM Chennai Provincial Contest(2017)
- Qualified for Qualifier of SNACKDOWN 2017 conducted by Codechef
- Have won several programming contests in various college technical symposiums
- Qualified for INOI by clearing Zonal Informatics Olympiad (2016)

ORGANIZATIONS & ACTIVITIES

- **Organizations:** Association for Computing Machinery (ACM), SSN Coding Community
- Competitive Programming: CodeForces: anishbadhri ↗ CodeChef: anishbadhri04 ↗