# Aakash Amish

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## Education

**B.Tech in Computer Science and Engineering** 2016 – 2020
Indus University, Ahmedabad
**CGPA**: 8.1

**XII Science, CBSE** 2015 – 2016
Divine Child International School, Adalaj
**Percentage**: 85%

## Technical Skills

**Strongest Areas**: Algorithms and Data Structures, Machine Learning
**Languages**: C, C++, Python, Java, JS
**Tools/Frameworks**: STL, GIT, LaTeX, SQL, numpy, pandas, Django, Node.JS

## Experience

**MedAI**: App for VishwaHack 2.0. Medical Image analytics. Created a webapp for doctors and medical professionals to utilize machine learning models for faster and more accurate diagnosis.
Made with: React, Flask, TensorFlow

**AutoGrow**: Freelance project, created a Telegram bot that utilizes automatic likes and comments to naturally grow registered Instagram accounts.
Made with: Node.JS, Redis, TeleBot, and Instagram's API.

## Projects

**Seam Carving:** Python module for content aware image resizing and object removal. Removes/inserts a column of least relevant pixels (measured by a particular energy function).
Made with: Python, numpy, OpenCV.

**Faculty Feedback**: A React based webapp for students to rate their faculties a certain value on several parameters and provide data visualization on the feedback obtained.
Made with: React, Django, D3

## Achievements

**Google Kickstart Round B 2019**: 234$^{th}$ Rank
**Facebook Hacker Cup 2019 Qualification Round**: 127$^{th}$ Rank
**TopCoder SRM 740 (DIV II)**: 5$^{th}$ Rank
**Codechef April Long Challenge 2018 (DIV II)**: 77$^{th}$ Rank
**Game of Codes by National Institute of Engineering, Mysore**: 1$^{st}$ Rank
**Code Dojo by Indus University**: 1$^{st}$ Rank

## Courses

**Machine Learning** by Stanford University, taught by Andrew Ag
**Algorithms (Part I and II)** by Princeton University, taught by Robert Sedgewick
**Number Theory and Cryptography** by National Research University Higher School of Economics

## Links

**Competitive Programming**: CodeForces CodeChef TopCoder LeetCode
**GitHub**: github.com/Spellstaker
**Linkedin**: linkedin.com/in/aakash-amish-3a1396119