**Pratik Padalia**

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Education .

**School Of Engineering and Applied Science (SEAS), Ahmedabad University**

B.Tech, Information and Communication Technology (ICT), 2015 – 2019

CGPA – 3.82/4.33 **(Rank 1)**

**Atul Vidyalaya**

HSC 2015 - 91.60%

SSC 2013 - 82.83%

Positions .

**Teaching Associate**Operating Systems Course, Ahmedabad University

**Google Facilitator**Applied CS with Android, Google

**P Club Mentor**Programming Club, SEAS

**Committee Member**Ingenium (Technical Festival), Ahmedabad University

Achievements .

**Conducted 2 Workshops**, Applied CS (Course on Data Structures by Google)

**RunnerUp**, HackNight 1.0, 2019

**Winner**, Ingenious Hackathon, 2017

**Winner**, Warmup for Codefi, 2017

**Runners up**, Codefi, 2017

**ACM ICPC**, Kharagpur Region, 2018

**Problem setter**, Codefi 2018 & 19.

**Problem setter**, Codefeeder 2018 & 19.

**National Level**, Rural IT Quiz 2011.

Skills .

C, C++, Java, Python, Bash

AWS, Azure Services

MATLAB

Links .

**LinkedIn:**// 15Pratik

**Codeforces:**//pratik15

**Codechef:**// pratik15

**Github:**// 15pratik

**Website:** 15pratik.github.io

Experience .

**Member of Technical Staff at Akridata**

May 2019 - Present

Working as a software developer to enhance the development of its product solving the problem of high data generation rate on the edge.

**Software Development Intern at Akridata**

Jan 2019 - April 2019 (4 months)

Contributed to its data science toolkit and development of filters.

**Research Intern at IIT Bombay**

May 2017 - July 2017 (2 months)

Worked under the guidance of Prof D. B. Phatak to design and build a web based learning management system customizable as per the needs and requirements.

**Web Development Intern at SculptSoft**

May 2016 - July 2016 (3 months)

Developed an Admin Panel using .NET MVC framework to track the user activities for their app of Virtual Stock Market.

Projects .

**Online Outlier Detection on FPGA**

Nov 16 - Nov 17 Team Size : 2

Detects the outliers from real time data in linear time using Cook's Distance in order to have minimal memory utilizations.

**Hand Gesture Recognition**

Jan 17 Team Size : 4

Python based Hand Gesture recognition using OpenCV. Configured it for utility tools like switching through windows, web browsers and play simple games.

**Process Migration and Load Balancing**

Dec 17 Team Size : 2

Simple implementation of load balancing for fixed two machines and live process migration using checkpointing technique.

**Download Manager**

Dec 17 Team Size : 4

Tool for downloading standalone files on the internet using multi-threading in Python. A file is downloaded in the form of chunks simultaneously from different threads with some added functionalities such as pausing and resuming the download.

Extracurricular Activities .

**National Level** TAE-KWON-DO (Karate), 2006

**State Level**, Badminton, 2008

**State Level**, Semi Finalist - Football, 2010

**Bronze Medallist**, High Jump, Maharashtra Region, AISM, 2012