**Pratik Padalia**

pratikpadalia7@gmail.com +91 8140965288

Education .

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

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

**Gold Medallist,** CGPA: 3.82

**Atul Vidyalaya**

HSC 2015 - 91.60%

SSC 2013 - 82.83%

Positions .

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

**P Club Mentor**Programming Club, SEAS

**Teaching Associate**Operating Systems, 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  
Skillenza, Powered by Microsoft

**ACM ICPC India Finalist**, 2018

Rank 43, Honorable Mention

**Winner**, Ingenious Hackathon, 2017

**Winner**, Warmup for Codefi, 2017

**Runners up**, Codefi, 2017

**Problem setter**  
Codefi 2018 & 19

Codefeeder 2018 & 19.  
  
Skills .

C, C++, Java, Python, Bash

AWS, Azure

Links .

**LinkedIn:**// 15Pratik

**Codeforces:**//pratik15

**Codechef:**// pratik15

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

Experience .

**Member of Technical Staff at Akridata**

May 2019 - Present

Development activities for its product to enhance the data processing on the edge with a high generation rate. Major contributions in the data flow pipeline and cloud support and data uploads.

**Software Development Intern at Akridata**

Jan 2019 - April 2019 (4 months)

Contributions to 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 an online 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 OS utility tools such as switching windows, web browser tabs and motion gaming.

**Process Migration and Load Balancing**

Dec 17 Team Size : 2

Simplistic implementation of load balancing for two compute machines and live process migration using checkpointing technique.

**Download Manager**

Dec 17 Team Size : 4

Tool for downloading files on the internet using multiple threads. File is broken down to independent chunks downloaded in parallel. It facilitated pause and resume functionalities.

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