

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 Coordinator

Programming Club, SEAS

Committee Member

Ingenium (Technical Festival),
Ahmedabad University

Achievements

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

Winner, Ingenious Hackathon, 2017

Winner, Warmup for Codefi, 2017

Runners up, Codefi, 2017

Selected for ACM ICPC Onsite Round,
Kharagpur Region, 2018

Problem setter, Codefi 2018 & 19.

Problem setter, Codefeeder 2018 & 19.

National Level, Rural IT Quiz 2011.

Skills

Languages : C, C++, Java, Python
MATLAB, Android, Verilog

Links

LinkedIn:// 15Pratik

Codeforces:// pratik15

Codechef:// pratik15

Github:// 15pratik

Website: 15pratik.github.io

Experience

Member of Technical Staff at Akridata

May 2019 - Present

Working with a startup 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)

Major contributions were made 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 make a learning management system that could be customized as per the needs and requirements of the class/groups. It supported peer learning and class room situations with of several academic features including group video calling.

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