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 to 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