

# Pratik Padalia

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## Education

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### 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

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### 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

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**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

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C, C++, Java, Python, Bash  
AWS, Azure

## Links

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**LinkedIn**:// 15Pratik  
**Codeforces**:// pratik15  
**Codechef**:// pratik15  
**Website**: 15pratik.github.io

## Experience

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### 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

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### 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

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**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