

Manoj Pandey

<http://manojpandey.me>
manoj@manojpandey.me | +91 9910089606

COLLEGE

INDRAPRASTHA UNIVERSITY
B.TECH. IN COMPUTER SCIENCE &
ENGINEERING
New Delhi, India
Current: Junior
Prospective 2018

HIGH SCHOOL

SUMERMAL JAIN PUBLIC SCHOOL
New Delhi, India
Graduated May 2014

LINKS

Github:// [manojpandey](#)
LinkedIn:// [manoj96](#)
Twitter:// [@manojpandey96](#)
Slides:// [manojp](#)
Quora:// [Manoj Pandey](#)
Facebook:// [manojpandey1996](#)

SKILLS

PROGRAMMING

- Python • Bash • Javascript
- jQuery • HTML/CSS • SQL
- MongoDB • R • Markdown
- JSON • REST • Algorithms
- Data Structures • C/C++

Familiar:

- Tex/ \LaTeX /MathJAX • Postgres
- nodeJS • AngularJS • Octave

OTHER FRAMEWORKS

- Flask • Django • NLTK
- pandas • matplotlib
- Ionic • Rails
- Jekyll • Twitter Bootstrap

TOOLS

- SublimeText • Git • Vim • Zsh

OS

- Mac OSX • Linux • Windows

INTERESTS

TECH BLOG / ESSAYS

Blogs at [/var/blog](#)

MUSIC

Maintain public Spotify playlist [here](#)

WORK EXPERIENCE

SQUADRUN INC. | SOFTWARE ENGINEERING INTERN

June 2016 - August 2016

- Implemented an Image processing algorithm for dominant color detection using MMCQ technique that reduced the overhead of manual sampling of images by more than 75%
- Built several automation scripts for helping the Operations Team reducing their entire job on particular set of tasks heavily
- Did a time-series analysis of the entire platform to build some QC algorithms
- Technical Stack used: Python, pandas, matplotlib, Bash, AWS stack

STANFORD CROWD RESEARCH COLLECTIVE

STANFORD UNIVERSITY | REMOTE VIA SLACK

January 2016 - June 2016

- Collaborated and contributed to build the **research paper** for the platform Daemo, research project of the Human Computer Interaction group at Stanford University, implemented studies for the Taskfeed paper (..)
- Papers got accepted to **ACM UIST 2016** and **CSCW 2017**

PROJECTS/HACKATHONS

POLICYHACK | OPEN DATA HACKATHON

April 2015 | EPoD @ Harvard University

- Developed a monitoring device that can be placed inside of a water tanker to track the water level inside and reports that information back to the admin panel along with location data in real-time.
- **Grand Prize Winner** of the Hackathon | (<https://goo.gl/a7NQp2>)

HACK CANCER | IMPROVING CANCER CARE

October 2015 | EPIC @ Boston University

- **Developed** a Chrome Extension to filter out outdated data from a website checking out some keywords and timestamps wherever possible.
- 2nd Prize Winner | (<https://goo.gl/glepso>)

SPORT PROGRAMMING

ACM ICPC 2015 | INDIA REGIONALS

AmritaPuri & Kolkata, India

- **Qualified** for Amritapuri & Kolkata Onsite regionals, held in December 2015
- Ranked 39 out of 400+ teams at Kolkata site | Team: vertex_cover

AWARDS / HONORS

CONFERENCES

- Speaker for An Introduction to Web Scraping using Python at **PyCon UK 2016**
- Speaker for Gotchas & Landmines in Python at **PyCon Finland 2016**
- Coach for **Django Girls** at PyCon UK 2016

OTHERS

- Top 3.3% on **SPOJ** in India
- Cleared Qualification Round of Google Code Jam & Facebook Hackercup in 2014