VIRAJ PARIMI

HNo.11082/83, First Floor, Gali No. 2, Doriwalan, Karol Bagh, New Delhi - 110005

+91 9650516994 ⋄ parimiviraj@gmail.com ⋄ Github ID: viraj96

EDUCATION

B.Tech in Computer Science and Engineering   July 2015 - Present
Indraprastha Institute of Information Technology, Delhi
CGPA: 8.98/10.00

HSC, Class XII   Apr 2013 - May 2014
St. Columba's School, Delhi, 94.4%

SSC, Class X   Apr 2011 - May 2012
St. Columba's School, Delhi, CGPA: 10/10

SKILLS AND INTERESTS

Programming Languages	Python, C, C++, Java
Tools and Technologies	Git, Django, Javascript, RubyOnRails, Processing, PHP, OpenCV, Docker, Tesseract, Celery, Redis, MongoDB, MySQL, Raspberry Pi, Tor, ns3

PROJECTS

Smart Glasses   January 2016 - April 2016
Dr. Alexander Fell   *Team Size: 4*

· A prototype to help blind people understand text in books and also allow them to identify people they already know. Selected as top 10 projects of that year.

Asphalt Retro   May 2016 - June 2016

· It is simple game which I created in my free time to venture into game development using C++.

Twitter Analysis Tool   July 2016, August 2016

· A simple tool where a user provides his twitter handle name and the application analyses his profile

DBLP Project   August 2015 - November 2016
Dr. Chetan Arora   *Team Size: 2*

· A tool to analyse, search and query the DBLP's huge database using Java. It also predicted number of publications that an author may have in the next 5 years based on the data DBLP provided.

Project O   August 2016 - November 2016
Dr. Ponnurangam Kumaraguru   *Team Size: 7*

· Worked on a project of CERC Lab - IIIT-D. It is a tool that analyses social media content and provides feedback to state and federal government agencies in India. It is installed in 75+ government agencies.

Private TOR Network   January 2017 - April 2017
Dr. Vinayak Naik   *Team Size: 2*

· Created a private Tor network and were able to demonstrate seamless talk between relays and DA. Was implemented for a course called Network Administration.

NBDC Data Analyser   May 2017 - September 2017
Dr. Ponnurangam Kumaraguru

· Working on a project of National Bomb Data Center which comes under NSG(National Security Guards) to help them analyse bomb data. It is currently installed at their headquarters.

Phone Rep   May 2017 - August 2017
Dr. Ponnurangam Kumaraguru, Ms. Srishti Gupta

· Developed a Chrome extension for social media data reporting whenever a user feels that a post reveals sensitive information. Was used as crowdsourced data collection tool for research on leak of sensitive information.

Opine   July 2016 - Present
Ms. Sheetu Ahuja

· Working on maintaining and updating a college survey system where course feedbacks for mid-semester and end-semester are taken.

Github Recommender System   August 2017 - November 2017
Dr. Angshul Majumdar

· Developed a recommender system similar to Amazon/Flipkart for Github where users are provided with good repositories for working on.

Reinforcement Learning   August 2017 - November 2017
Dr. Saket Anand

· Implemented reinforcement learning algorithms and understanding how they work. Also worked on finding ways to improve how the algorithm works and improves with time.

B.TECH PROJECT

Understanding Vulnerability of Communities in Complex Networks   July 2017 - Present
Dr. Tanmoy Chakraborty, Dr. Ponnurangam Kumaraguru

· Working on a NP-Hard problem trying to identify vulnerable nodes in a complex network. Involves community detection and heuristic based approach in order to meet the optimal result.

POSITION OF RESPONSIBILITY

Research Intern   August 2016 - July 2017
Precog - IIITD Research Group

· Worked on problems relating to Social Media Analysis.

Teaching Assistant   July 2017 - November 2017
IIITD

· Worked as a TA for System Management course.

Event Head   July 2016 - August 2016
Esya '18 - IIITD

· Organized BrainFuzz - An algorithm design contest for Esya 2018.

Developer   January 2015 - Present
Owncloud

· Working with Owncloud - An open source data management system similar to Dropbox.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.