

Arihant Parsoya

parsoyaarihant.github.io
parsoyaarihant@gmail.com

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY MUMBAI

B.TECH.

Cum. GPA: 8.49 / 10

VIKAS THE CONCEPT SCHOOL INTERMEDIATE/+2

Cum. GPA: 92%

VIKAS THE CONCEPT SCHOOL MATRICULATION

Cum. GPA: 9.6/10

COURSEWORK

UNDERGRADUATE

Human Computer Interaction
Advanced Machine Learning
Artificial Intelligence
Computer Graphics
Data Structures and Algorithms

SKILLS

- Human Computer Interaction
- Data Visualization
- Web Development
- UI/UX
- Machine Learning
- Android Development

PROJECTS

parsoyaarihant.github.io

TOOLS

Over 5000 lines:

- Python
- Javascript
- C++

Over 1000 lines:

- MATLAB
- Java

Familiar:

- Shell
- MySQL

EXPERIENCE

GOOGLE SUMMER OF CODE | THE PROCESSING FOUNDATION

May 2019 – Aug 2019

- Worked on improving python library for Processing language
- Added support for new APIs by improving the OpenGL renderer

TELECOM PARISTECH | RESEARCH INTERNSHIP

May 2018 – Jul 2018 | Paris, France

- Worked on several design and programming questions associated with transclusion history
- Worked on webstrates technology and added new APIs to webstrates
- Created tools which can be used to explore histories of transclusion

GOOGLE SUMMER OF CODE | MENTOR AT SYMPY

May 2018 – Aug 2018

- Responsible for code review and guiding students in the SymPy community for the following projects:
- Create a Rich Beam Solving System
- Completing RUBI Integrator

GOOGLE SUMMER OF CODE | SYMPY

May 2017 – Aug 2017

- Implemented Rule Based Integration(RUBI) in SymPy using pattern matching capabilities of MatchPy
- Created Mathematica to SymPy code parser
- Implemented RUBI utility functions in SymPy

ZIPTOWN | WEB DEVELOPER INTERNSHIP

June 2016 – July 2016

- Created an online interface of services using YII and integrated it with android application
- Developed and Designed web interface for price estimation of multiple product deliveries using Google Maps API
- Added real time chat functionality to the company website for customer care services

PUBLICATIONS

- [1] A. Parsoya and V. Rajamanickam. Keyslide: Using directional gestures on keyboard for cursor positioning. *India HCI '19. To appear, 2019.*

TALKS

INDIA HCI

Dec 2018 | Bangalore, IN

Course on "Enhancing User Experience through Effective Transitions" along with Venkatesh Rajamanickam.

AWARDS

2013 KVPY Fellowship Award