Arihant Parsoya

parsoyaarihant.github.io
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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

- 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 | Developer Internship
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
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 | Developer Internship
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 with **Venkatesh Rajamanickam**.

AWARDS

2013   KVPY   Fellowship Award