

Bhargav Parsi

Undergraduate Student

Phone: +91 8877006223
Address: 34/402, H.P. Nagar East Colony,
Vasinaka, Chembur, Mumbai-
400074
Email: bhargav265@gmail.com

RESEARCH EXPERIENCE

Ryerson University, Toronto, Canada Research Assistant

May 2016-July 2016

Took up the cow path problem and introduced certain variations in it to make a new problem. Developed new strategies, lower and upper bounds with Asst. Prof. Konstantinos Georgiou, Dept. of Mathematics, Ryerson University

EDUCATION

Indian Institute of Technology (Indian School of Mines), Dhanbad, India

July 2013-present

Bachelor of technology(Hons) in Computer Science and Engg.

OGPA 9.42/10 upto 6th Semester

FIITJEE Junior College, Visakhapatnam Higher Secondary

June 2011 - May 2013

Secured 93.2% in Class XII: Maths: 149/150, Physics: 60/60, Chemistry: 54/60

Kakatiya Public School, Visakhapatnam Secondary

June 2008 – May 2011

Secured CGPA 10/10 in Class X

SKILLS

Programming Languages: C, C++, Java, MySQL, Mathematica, Matlab, Prolog, Lisp, TCL, Shell Programming, OpenGL, MPI
Programming, FLEX&YACC.

Operating System used: Linux, Windows

Algorithmic Coding:

Solved around 50 Questions in SPOJ (username: bhargav265)

Solved around 76 Questions in CodeChef (username: bhargav265)

ACADEMIC PROJECTS

Implementation of various Machine Learning applications in MATLAB

Jul 2016-Nov 2016

Implemented email spam classifier using kernel SVM, image compression using K-Means Algorithm, PCA to find low dimensional representation of face images, Anomaly detection algorithm to detect failing servers in a networks and Collaborative Filtering algorithm for movie recommendation under the guidance of Asst. Prof. Shweta Malwe, Computer Science and Engineering, IIT(ISM)-Dhanbad.

Implementation of Hand Written Digit Recognition

Dec 2015 - Mar 2016

Studied Basics of Machine Learning and Neural Networks and implemented hand written digit recognition using back propagation algorithm, under guidance of Asst. Prof. Shweta Malwe, Computer Science & Engineering, IIT(ISM)-Dhanbad.

Implementation of CDMA in MATLAB

Aug – Nov 2015

Studied CDMA and designed GUI model in Matlab under guidance of Asst. Prof. Shweta Malwe, Computer Science & Engineering, IIT(ISM)-Dhanbad

Implementation of Clustering Algorithms in NS2

Aug 2014 - Jan 2015

Studied various clustering algorithms and implemented in Network Simulator 2, under guidance of Asst. Prof. Shweta Malwe, Computer Science & Engineering, IIT(ISM)-Dhanbad

RELATED COURSE WORK

Introduction to Machine Learning

May - July 2015

Andrew Ng through Coursera

Learnt basics of Machine Learning and different Algorithms associated with it

Android App Development Course

May – July 2014

Internshala

Learnt the basics of Android app development and made a basic note pad app with features such as add note, see notes and delete notes.

2-day workshop on Ethical Hacking

October 2013

by Ankit Fadia

Learnt the basics of Ethical Hacking

AWARDS

Selected for Mitacs Graduate research internship

May 2016-July 2016

Mitacs

Among the 200 Indians who got selected for the program. Fully Funded by Mitacs

Consolation prize received in Code Marathon

Nov 2015

CSE Society IIT(ISM)-Dhanbad

Algorithmic coding contest hosted by CSE Society IIT(ISM)-Dhanbad

Certificate of Appreciation

Oct 2015

Concetto- Techfest IIT(ISM)-Dhanbad

Secured 3rd prize in HackX event. Treasure Hunt in Linux OS.

EXTRA-CURRICULAR

CSE Society and ACM Society, IIT(ISM)-Dhanbad

July 2014 - Present

Technology

Active member of the 2 societies

Festival of India, Toronto, Canada

June 2016

Culture

Amber Hostel, IIT(ISM)-Dhanbad

Nov 2015-May 2016

Prefect

Kartavya

Sept 2013 - Sept 2014

Social

Mathematics tutor, Tutored Grade 10 Students who come from a very low back ground.

National Service Scheme

August 2013 to December 2015

Volunteer

Organized various events for physically challenged people and Cleanliness drives.