

Sunny Mazumder

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Academic Profile

Examination/Degree	University/Board	Institute	Year	CPI/%
B.Tech(Computer Science)	NIT Silchar	NIT Silchar	2017(expected)	7.42
Class-XII	CBSE	Maharishi Vidya Mandir	2012	88.4
Class-X	CBSE	Maharishi Vidya Mandir	2010	9.6/10

Areas of Interest

Passionate learner of data-structures and algorithms with knowledge of many algorithms and implementation & complexity of many time & space efficient data-structures.

Proficient in C++(STL) programming. Also, learning web development using html,css,js,flask/django.

Technical Skills

- Programming Languages : C, C++, Java .
- Scripting Languages :Python, Shell .
- Web-Technologies : HTML, CSS, Javascript, Flask, Django, Bootstrap, Google App Engine.
- Mobile-technologies: Android SDK, Eclipse, Android studio.
- Libraries/API : OpenGL, STL(C++), Tkinter(GUI), BeautifulSoup(Web-Scrapping).
- Other Tools: git, MySQL,heroku, L^AT_EX, GNU/GCC, Vim, Sublime, PyCharm,Cygwin.

Projects

Projects are available on git : <https://github.com/moovon>

- **Android Music Player.** (*As a part of the Summer Training by HP*).
 - Build from Scratch. Includes all standard features like shuffle, repeat, playlist etc. .
 - Technologies used- Java, Android SDK, Eclipse.
- **Spoj-Scraper.** (*Independent project*).
 - GUI tool to scrap details of a user of www.spoj.com. (user-id required).
 - Technologies used - python, Tkinter(for gui), BeautifulSoup4(for scrapping).
- **Lords of the Cosmos.**(*Academic*).
(*under Prof. Badal Soni, Jan'15-Apr'15*).
 - Developed an asteroid shooting game using OpenGL.
 - Technologies used - OpenGL, C++(STL).
- **AlgoYard.** (*Independent*).
 - Implemented an algorithm library containing implementations of several Graph theory algorithms ,Number theory functions, Data Structures, String algorithms, Dynamic Programming.

Training/Experience

- **Network Management.** Summer'2014
Training Organised by **IIT,Kharagpur** in association with Nettech Pvt. Ltd
 - Used Red Hat Linux Enterprise Server to implement a linux server consisting of a web and dns server and a mail server(using webmin, apache).
- **Hewlett Packard Summer Training.** (Android Development) Summer'2015
 - 78 Hours training in Android Application Development.

Acheivements

- Ranked 58th in State Engineering Entrance exam,Assam among 25,000 candidates 2012
- Ranked 1195th (top 0.4 percentile) in State Engineering Entrance exam, West Bengal(WBJEE) among around 3 lakhs candidates 2012
- 2nd School Topper in Class-X and 3rd School Topper , in Class-XII
- Secured 144th rank(top 0.3 percentile) in a National Level Coding Coding Competition (TCS CodeVita) 2015
- Secured a rank in top 7% in Hackerrank World Cup. 2015
- Secured a rank in top 9% in Snapdeal Hackathon. 2015

Sports Coding

Handle : moovon

- Codechef :
 - Challenge (Long): 1006th Ranked Indian out of 50,000+ competitors. Institute 2nd Topper.
 - Lunch Time (Shorter Version) : 486th Ranked Indian. Institute Topper.
- Spoj :
 - Solved 100+ problems.
 - World rank of 6,500 among 50,000+ participants from 125 countries.

Hobbies

Sports/Competitive Coding, Reading & writing blogs, bike-riding , playing cricket, Yoga and meditation.