

education

**Delhi Public School,
Faridabad**
High School
Principal's Gold Medal
Class of 2018

skills

C++
Go
JavaScript
NodeJS
Python
HTML
CSS
Wolfram
CoffeeScript
Perl
Bash

Django
Flask
Docker
gRPC

links

GitHub: nalinbhardwaj
LinkedIn: nibnalin
CodeChef: nibnalin
GitLab: nibnalin

reference

John Vandenberg
Maintainer, *coala*
Email: jayvdb@gmail.com

competitive programming

International Olympiad in Informatics August 2017

Member of Indian contingent at International Olympiad in Informatics (IOI) 2017 held in Tehran, Iran. Over 80 countries participated in the contest.

Asia Pacific Informatics Olympiad May 2018, May 2017

Bronze medallist in Asia Pacific Informatics Olympiad (APIO) 2018, ranking first from Indian contingent.
Honourable Mention in APIO 2017.

programming

Google Code-In Grand Prize Winner December 2017 - January 2018

Used a range of skills, like coding, design, quality assurance, research, and outreach, to contribute to open-source software.
Among the fifty winners from over 3500 contestants worldwide.

Open-source Contributor 2016 - current

Wrote an elaborate test suite for *autocomplete-python*, an Atom package with more than 1.3 million downloads (top 15 by most downloads).

Developer at *coala*, a language independent code analysis toolkit. Google Summer of Code 2018 mentor on project "*coala language server*".

Contributor to *DuckDuckGo*, a popular privacy-protecting search engine. Worked on 20+ Instant Answers including Weather Forecast, Timer etc.

Collaborator on *Metric Units Reddit Bot*: 80+ stars on GitHub repository

Contributor to *Lightning Network Daemon (LND)*, an implementation of the Lightning Network: layer 2 scalability technology for blockchains.

research

Analysis of Image Dithering July 2018

As part of Wolfram High School Summer Camp, I researched and developed a machine learning model for image classification by dithering algorithm. Wrote computational essay explaining my work.

leadership

Emporio 2016 December 2016

Member of core organising team of *Emporio 2016*, the inaugural edition of Delhi Public School, Faridabad's annual commerce festival with more than 100 participants.