Nalin Bhardwaj

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nibnalin.me

education

UC San Diego
Undeclared major
ACM UCSD: Technical Director and Board Member

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

skills

C++

Go

JavaScript

NodeJS

Python

HTML

CSS

CoffeeScript

Wolfram

Perl

Django

Flask

Docker

gRPC

links

GitHub: nalinbhardwaj

GitLab: nibnalin

LinkedIn: nibnalin

references

Christian Pasquel
Manager, Wolfram Research
christianp@wolfram.com

John Vandenberg
Maintainer, coala

experience

Intern, Wolfram Research Inc.   December 2018 – May 2019

Worked on research, analysis and implementation of Ethereum (blockchain) components and services such as the Ethereum Virtual Machine (EVM) for Wolfram language and related products.

honors

International Olympiad in Informatics contestant   August 2017

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

Asia Pacific Informatics Olympiad Bronze Medallist   May 2018

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

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.
Selected as a Grand Prize Winner from over 3500 contestants worldwide.

open-source software

autocomplete-python
Wrote an elaborate test suite for autocomplete-python, an Atom package with more than 1.5 million downloads (top 15 by most downloads).

coala
Contributed 50+ commits and 30+ code reviews to coala, a language independent code analysis toolkit. Google Summer of Code 2018 mentor on project "coala language server". Hosted coala's PyCon India 2018 DevSprint.

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

Metric Units Reddit Bot
Collaborator on a Reddit bot that converts units: 80+ GitHub stars

Lightning Network Daemon (LND)
Contributor to the Lightning Network client (Bitcoin layer 2 scalability tech).

Oppia
Contributed to an adaptive ed-tech platform for the underprivileged. Started and ran Oppia's Pilot Project teaching underprivileged students in my city.

research

Analysis of Image Dithering   July 2018

Researched and developed machine learning model for classifying images by dithering algorithm used. Wrote a computational essay that was featured as a "Staff Pick" on the Wolfram Community website.