

# Sourav Sahoo

Room - CG 101, Vindhyachal Boys Hostel, NIT Hamirpur, Himachal Pradesh-177005  
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## Work Experience

### Google Summer of Code

DEVELOPER IN PUBLIC LAB

Remote

May 2018 - August 2018

- Updated the version of Ruby on Rails to 5.2
- Converted the javascript test from jasmine to mocha
- Improved the graphs of the website
- Changing the javascript package manager from bower to yarn
- Links: Final Work Product, My Commits

### Public Lab

OPEN SOURCE DEVELOPER

Remote

November 2018 - May 2019

- Upgraded the website of Public Lab from Bootstrap 3 to Bootstrap 4
- Aim was to make the website to look at least decent in every browser
- Links: Pull Request

## Achievements

- 2017 **11th rank (India) 47th rank (Global)**, Codechef October long challenge
- 2017 **Qualified for regionals**, ACM ICPC Gwalior and Kharagpur

India

India

## Skills

<b>Programming Languages</b>	C++, C, Python, Ruby, PHP, Javascript
<b>Frameworks</b>	Ruby on Rails, Tkinter
<b>Database</b>	MySQL, Sqlite3
<b>Other technologies</b>	Git, Vim, Docker, Travis, Matlab, Linux,

## Projects

### DocWriter

DEVELOPER

NIT Hamirpur

Mar. 2018 - Apr. 2018

- A tool to recognize handwriting
- Handles formatting, performs correct segmentation into characters and finds the most plausible words
- Technology stack: Python
- Project link: DocWriter

### Confession Site

DEVELOPER

NIT Hamirpur

Mar. 2017

- confession site for all the students of NIT Hamirpur to confess about anything or anyone anonymously
- Technology stack: PHP, Javascript, HTML, CSS, MySQL
- Project link: confession-site
- Live Website: confession-site

## Education

### National Institute of Technology, Hamirpur

BTECH MTECH (DUAL DEGREE) IN COMPUTER SCIENCE AND ENGINEERING  
CGPI: 8.04

Himachal Pradesh, India

Aug. 2015 - Exp. May. 2020

## Extracurricular Activity

### Google Code-in

MENTOR

NIT Hamirpur

October 2018 - January 2019

- Mentored High School students in Public Lab by creating tasks and guiding them to complete the tasks.

### CSEC (Computer Science Engineers Community)

CORE MEMBER

NIT Hamirpur

Feb. 2016 - PRESENT

- Problem setter and tester of Heuristics 12
- Problem tester of Heuristics 15

### Team .exe

COORDINATOR

NIT Hamirpur

Mar 2017 - April 2018

- Problem setter and tester of NITH HACKS 2
- Problem setter and tester of codeswap
- Conducted workshop on git, linux and command line for team .exe
- Website developer of paradox - fun event organized by team .exe

### GLUG-NITH (GNU Linux Users Group)

MEMBER

NIT Hamirpur

Aug. 2015 - PRESENT

- Volunteered for Software Freedom Day for the year 2016, 2017 and 2018