

Sourav Sahoo

Room - CG 101, Vindhyachal Boys Hostel, NIT Hamirpur, Himachal Pradesh-177005
☎ (+91)9459858491 | ✉ sahoosourav1996@gmail.com | 📱 souravirus | 🌐 souravirus | 📺 souravsahoo

Work Experience

Google Summer of Code

PUBLIC LAB

- 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

Remote
May 2018 - Present

Achievements

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

India
India

Skills

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

Projects

DocWriter

DEVELOPER

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

NIT Hamirpur
Mar. 2018 - Apr. 2018

Confession Site

DEVELOPER

- 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

NIT Hamirpur
Mar. 2017

Shoenami

DEVELOPER

- Has a push button which an individual can press when in distress which sends a message to the specified contacts
- Have an obstruction detection which will start vibrating when it comes near to an obstruction which helps the visually challenged
- Technology stack: Android, Ultrasonic Sensors, MSP-EXP430G2 Micro controller, GPS Module, Bluetooth Module
- Project link: Shoenami

IIIT Allahabad
Mar 2019

Education

National Institute of Technology, Hamirpur

BTECH MTECH (DUAL DEGREE) IN COMPUTER SCIENCE AND ENGINEERING
CGPI: 7.94

Himachal Pradesh, India
Aug. 2015 - Exp. May. 2020

Extracurricular Activity

Google Code-in

MENTOR

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

NIT Hamirpur
October 2018 - January 2019

CSEC (Computer Science Engineers Community)

CORE MEMBER

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

NIT Hamirpur
Feb. 2016 - PRESENT

Team .exe

COORDINATOR

- 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

NIT Hamirpur
Mar 2017 - April 2018

GLUG-NITH (GNU Linux Users Group)

MEMBER

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

NIT Hamirpur
Aug. 2015 - PRESENT