Sourav **Sahoo**

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Work Experience

Google Summer of Code   *Remote*
PUBLIC LAB   *May 2018 - Present*

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

Achievements

2017	**11th rank (India) 47th rank (Global)**, Codechef October long challenge		*India*
2017	**Qualified for regionals**, ACM ICPC Gwalior and Kharagpur		*India*
2018	**2nd rank**, NITD Programming League v4.0		*India*
2017	**1st rank**, BUG4EVER, short challenge contest of SIES GST		*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   *NIT Hamirpur*
DEVELOPER   *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   *NIT Hamirpur*
DEVELOPER   *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

Education

National Institute of Technology, Hamirpur   *Himachal Pradesh, India*
BTECH MTECH (DUAL DEGREE) IN COMPUTER SCIENCE AND ENGINEERING   *Aug. 2015 - Exp. May. 2020*
CGPI: 7.82

St. Mary's Convent School   *Kasauli, Solan, HP, India*
AISSCE, CBSE   *2015*
Percentage: 87.3

Army Public School   *Nagrota, J&K, India*
AISSE, CBSE   *2013*
CGPA: 10

Extracurricular Activity

CSEC (Computer Science Engineers Community)   *NIT Hamirpur*
CORE MEMBER   *Feb. 2016 - PRESENT*

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

Team .exe   *NIT Hamirpur*
COORDINATOR   *Aug. 2015 - PRESENT*

- 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)   *NIT Hamirpur*
MEMBER   *Aug. 2015 - PRESENT*

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