

Apoorv Choubey

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WORK EXPERIENCE

- MAY 2018 **Google Summer of Code 2018**
— Student Developer, [LibreHealth](#) | A community for open source software projects in Health IT
- AUGUST 2018
- Worked on improving the calendar system in LibreHealth Electronic Health Record application
 - Created a logging system for changes done in an appointment's date, time and status specifying user and date of change
 - Built interfaces to manage vacation/holiday events in bulk and to copy, paste events
 - Added several UI/UX enhancements like improving list and tool-tip layouts, adding user alerts
 - Increased accessibility of patient details from calendar and implemented an event based refresh
 - Updated calendar source code; added provider scroll and auto time scroll functionalities
 - Added functionality for setting time zone over EHR and added an improved modal interface
 - Description and code of complete work done can be viewed at: [Work Summary Gist](#)

EDUCATION

- MAY 2019 **B.Tech in MECHANICAL ENGINEERING, Delhi Technological University, New Delhi**
—Present 8th Semester; GPA: 7.69/10
- Relevant Coursework** Data Structures and Algorithms, Advanced Database Management Systems, Data Warehousing and Data Mining, Programming Fundamentals

PROJECTS

- DECEMBER 2018 Built several projects using Python and Jupyter notebooks
- Python Scripts to search web from CMD and to convert a directory into JSON file; a To Do List Django app and a Shakespeare insult generator Flask app • [Github](#)
- Python Used data libraries to build a Wikipedia word cloud generator, GDP/Population comparison of 10 countries with time, a kNN classifier with error/accuracy vs k plots • [Github](#)
- MARCH 2018 Contributions to Open Source Software
- Python **PlasmaPy** • Optimized code and improved documentation • [Merged PRs](#)
- JavaScript **Astropy Website** • Improved front-end with JavaScript, JSON and AJAX • [Merged PRs](#)
- OCTOBER 2017 Built several projects using front-end and back-end web technologies
- PHP, SQL A simple CRUD web app which implements basic user registration, user login and password reset functionalities • [Github](#)
- JavaScript A web app which takes a time limited MCQ test on Astronomy and gives a tabular analysis at end • [Github](#)
- JavaScript A web app which displays books in The NYT Best Sellers list using NYT API • [Github](#)
- JavaScript Simple web projects - a slide show, a gallery search, a random quote generator • [Github](#)
- HTML/CSS A single page gallery web app of my favourite clicks • [Github](#)
- HTML/CSS A single page portfolio website design • [Github](#)

SKILLS

- PROGRAMMING: C++ • Python • PHP • JavaScript • Java
- MARKUP: HTML • CSS • \LaTeX | DATABASE: SQL
- LIBRARY: jQuery • Pandas • Matplotlib • Numpy
- TOOLS & FRAMEWORK: Git • Flask • Django • Bootstrap

AWARDS

- DECEMBER 2016 Tara Bedi trophy for proficiency in Computer Science subject for XII Standard, given by Suraj Bhan D.A.V. Public School

POSITIONS OF RESPONSIBILITY

- Participated in organizing a FULL NIGHT SKY WATCH at **Aryabhata Research Institute of Observational Sciences, Nainital** for a total of 50 students during December 2016. Technical report is available [here](#).