Apoorv Choubey

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WORK EXPERIENCE

MAY 2018 — AUGUST 2018	**Google Summer of Code 2018** Student Developer, LibreHealth | A community for open source software projects in Health IT • 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 –Present	Bachelor of Technology, **Delhi Technological University, New Delhi** 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 • C#
MARKUP:	HTML • CSS • LaTeX | DATABASE: MySQL • MongoDB
LIBRARY:	jQuery • Pandas • Matplotlib • Numpy
TOOLS & FRAMEWORK:	Git • Flask • Django • Bootstrap • ASP.NET

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 **Aryabhatta Research Institute of Observational Sciences, Nainital** for a total of 50 students during December 2016. Technical report is available here.