Apoorv Choubey

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Education

May 2019 –Present	B.Tech in Mechanical Engineering, **Delhi Technological University, New Delhi** 7^{th} Semester, GPA: 7.53/10
Relevant Coursework	Data Structures and Algorithms, Advanced Database Management Systems, Programming Fundamentals
May 2015	XII Standard, **Suraj Bhan D.A.V. Public School, New Delhi** C.B.S.E, Score: 94.2%

Work Experience

May 2018 – August 2018	**Google Summer of Code 2018** Student Developer, LibreHealth LibreHealth is a collaborative community for free and open source software projects in Health IT. My project was about improving the calendar system used in LibreHealth EHR which is an Electronic Health Record (EHR) web application. Work done is divided into 3 categories – features, UI/UX enhancements and system improvements/fixes. Their description and code can be viewed at: Work Summary Gist

Projects

March 2018	Contributions to Open Source Software
Python	**PlasmaPy Core** • Merged PRs
JavaScript	**Astropy Website** • Merged PRs
October 2017	Built several other projects using front-end and back-end web technologies.
PHP	**Login-Register System** • Github
JavaScript	**Timed Test Web app** • Live
JavaScript	**The State of Reading** • Live

Skills

Programming:	PHP • JavaScript • Python • C++
Markup:	HTML • CSS • LaTeX
Software:	Git
Data Tools:	Numpy • Matplotlib
JS Library:	jQuery

Awards

December 2016	Tara Bedi trophy for proficiency in Computer Science, given by Suraj Bhan D.A.V. Public School.

Extra-Curricular

- **Former Vice-President, Cosmology Club of DTU:**
  - Participated in organizing a Full Night Sky Watch at **Aryabhatta Research Institute of Observational Sciences, Nainital**. Technical report available at: Dec'16-TechReport
  - Participated with club in **International Asteroid Search Campaign (IASC)**-April 2017 organized by **International Astronomical Search Collaboration**. Teams all over the world (consisting of school, college students and amateur astronomers) participate in this campaign where they analyze astronomical images for detection of minor planets. Certificate of Participation
- **Photography**
  - A small gallery is live at: Photographs