

Rahul Chandra

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ABOUT ME

I am a CSE graduate skilled in Software Development, Designing, and Testing.

EDUCATION

CHANDIGARH UNIVERSITY

B.E. IN COMPUTER SCIENCE

Expected May 2021 | Mohali, Punjab

Cum. GPA: 8.0 / 10.0

LINKS

GitHub:// [irahulcse](#)

HackerRank:// [1rahulchandra1](#)

LinkedIn:// [rahul_chandra](#)

Reddit:// [@flutterboxinc](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence + Practicum
 Open Source Software Engineering
 Evolutionary Computation
 Design and Analysis Algorithms
 Database Management System
 Defending Computer Networks
 Operating Systems + Practicum
 Unix Tools

SKILLS

TECHNICAL SKILLS

Proficient with:

C/C++ • Shell • Dart • Java • Python •
 LaTeX • HTML/CSS • Git • MySQL •
 Firebase • Agile Development

Familiar with:

Machine Learning • Kubernetes • Docker
 • Python

SOFT SKILLS

• Leadership • Initiative • Grit

FUN FACTS

INTERESTS

Entrepreneurship • Public Speaking

HOBBIES

Gaming • Singing • Reading Blogs

ONLINE COURSES

- Introduction to Algorithms {MIT}
- Machine Learning A-Z {Kirill Eremenko}

EXPERIENCE

ZYPP BYCYSARE | SOFTWARE ENGINEERING INTERN

April 2020 - July 2020 | Gurugram, India

- **Developed** a route tracking Flutter based Mobile Application(like UBER) to track the User's journey by GPS and plotted using Google Map.

GOOGLE CODE-IN MENTOR | JULIA PROGRAMMING LANGUAGE

Nov 2019- Jan 2020| Remote

- **Mentored** pre-university students on open source tasks and taught uses of Julia in high performance numerical analysis and computational science.

AMERICAN TOWER CORPORATION | SOFTWARE DEVELOPMENT INTERN

May 2019 - July 2019 | Gurugram, India

- American Tower, is a Boston based Fortune 500 MNC, in which I had Designed and Developed a **Full Fledged Commercially** usable Web Application(Library Management System) using Java Servlets, for over 200 employees.
- Created a various dynamic Dashboards/Reports(i.e. Bar Chart, Pie Chart, Box Chart etc.) using JSON and Google Chart API's.
- Full Stack Development Tools used are Java/JSP, Ajax, Git, MySQL, JSON, Servlets, Docker with Project Report in PDF.

RESEARCH

LIBERTEM | RESEARCHER & TESTER | <https://bit.ly/libertem-final-pub>

Oct 2019 - Feb 2020 | Forschungszentrum Jülich, Germany (Remotely)

Mentors : Dr. Dieter Weber , Material Scientist@LiberTEM

- LiberTEM is an Open Source Platform, used for scalable multidimensional data processing in transmission electron microscopy using Python3 and Kubernetes.
- This project has received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation program.

PROJECTS & HACKATHONS

MINI APP'S GUIDE | <http://bit.ly/mini-apps>

- Led the Development of **Complete Flutter Guide** , an open source repo containing Mobile Application, helping developers and business to create applications in real time.
- Project contains more than 50 Applications created using Flutter(Dart Language) and hosted on Firebase and GitHub Continuous Integration / Deployment Toolkit.

FIERY_OK | NASA SPACE APP HACKATHON | http://bit.ly/fiery_ok

- Created a Cross Platform Web App in ASP.net and Database hosted in Microsoft Azure to prevent forest fires using NASA Open Datasets by plotting fire spots on Google Maps.
- Fire Spotted with an overall accuracy of 90% using Supervised ML Algorithms and Google Cloud Vision API.

ACHIEVEMENTS

- 2019 Mentor at Code Heat by FOSSASIA
- 2019 Microsoft Student Partner
- 2018 200th position in Google Code Jam Qualification Round Worldwide