Hardeep Kaur

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EDUCATION

- **Bachelor of Engineering (B.E.)** – Computer Science (2017-2021)   **CPI 8.92/10**
  Rungta College of Engineering & Technology, Bhilai, Chhattisgarh

- **12th Standard (CBSE Board) –** PCM + Informatics Practice (2016-2017)   **80%**
  Krishna Public School, Bhilai, Chhattisgarh

- **10th Standard (CBSE Board) –** (2014-2015)   **CGPA- 8.4/10**
  Mar Baselios Vidhya Bhawan, Bhilai, Chhattisgarh

EXPERIENCE

- **Gaming Booster Mentor, GirlScript, Ireland :** (1st August,2020-Present) Selected as a mentor for 4-week workshop for the Gaming Booster Program responsible for taking sessions on simple game development using Java & JavaScript.
- **Campus Ambassador, Coding Blocks :** (July,2020-Present) Representative of placement cell of our college. Responsible for conducting coding blocks workshops, webinars, programming events, counselling sessions, doubt sessions & online hackathons.
- **Software Developer Intern - BDS College, Bhilai** (Affiliated to : AISECT- All India Society for Electronics & Computer Technology) Part of the E-Learning Software Building Team- Worked on specific features such as customizable academic calendar and time-table generator. Worked on Communication Portal Development for instant information and notification access facility for students & parents.

PROJECTS

Academic Projects

- **School Management System** (June-2019) Developed a software using Java Swing and SQL in NetBeans IDE & XAMPP Server to store the databases of students as well as the teachers and other employees
- **Typing Speed Tester-** (Oct-2019) Developed a Python software to test and improve & measure your typing speed.
- **Image Encryption/Decryption Tool** (2019) Developed a tool in java (using JavaX crypto & security package) for image security purpose i.e to encrypt & decrypt images using AES Encryption

Personal Projects

- **COVID-19 Tracker** (June-2020) Developed a Java Software using web-scraping with JSOUP in Spring Framework to keep track of count of COVID-cases all over the world.
- **Sudoku Solver** - (Oct-2019) Developed a Sudoku puzzle solver in Python using Back-tracking algorithm. It includes GUI as well as text-based version.
- **Classic Snake Game-** (Dec-2019). Developed a snake game in Java that allows users to control the movement of a snake on a screen, to get points for eating food and avoiding running into the walls or the growing tail of the snake itself.

SKILLS

Technical Skills

- **Programming Constructs, Data Structures, Algorithms, OS Concepts, Network Concepts, Computer System Architecture, Statistics, Linear Algebra**
- **Programming Languages**: C, C++, Java, Python
- **Web Technologies:** HTML5, XML, CSS3
- **Database Management**: MySQL, Oracle
- **Libraries & Frameworks**: Spring, Collection, Numpy, pandas*
- **Software & Utilities**: NetBeans, Eclipse, PyCharm, Visual Studio Code, Git, Codeblocks, Microsoft Office, Jupyter Notebook
- **Platforms:** Windows, Linux*

Soft Skills

- Life-Long Learner, Interpersonal Communication, Team Player, Agile, Multi-Tasking

ACHIEVEMENTS & CERTIFICATIONS

- **Merit Scholarship (Prime Minister Trophy MCM) -SAIL (Steel Authority of India Limited)** Received Scholarship by SAIL for 4 years during Undergraduate Studies.
- **Object Oriented Java Programming: Data Structures and Beyond Specialization-** Coursera Certification
- **Programming Foundations, Learning Java & Python-** LinkedIn Certification
- **Codechef Certification for Project Code 2.0-** coding contest organized by codechef & KJSIEIT, Mumbai.
- **Python Programming & its Applications – (**National Institute of Technology, Raipur, Chhattisgarh)
- **Applied Machine Learning in Python-** Coursera
- **Active on Competitive Programming Platforms** (Solved 500+ problems): **Hackerearth:** hardeep40 **Codechef:** hardeepkaur   **Codeforces:** hardeep_0598   **Hackerrank:** hardeepkaur_0598

POSITION OF RESPONSIBILITY

- **Class Representative-1st year, RCET, Bhilai-** Nominated by Head of Department for feedback regarding courses & suggesting changes in curriculum.
- **Member of Infinity Coders-RCET, Bhilai-** Responsible for organizing coding events & competitions.
- **Member of Student Council- KPS, Bhilai-** Responsible for organizing academic & sports events.