# Anubhaw Bhalotia

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## Education

- **Indian Institute of Information Technology, Una**          Hamirpur, H.P., India
  *Bachelor of Technology in Computer Science and Engineering, CGPA – 9.34/10*          *Aug. 2016 – May. 2020*

## Skills

- **Programming Languages:** C++, C, Python, Java, JavaScript.
- **Tools/Frameworks:** Linux, OpenGL, OpenCV, Django framework, MySQL, PostgreSQL, Git, Android Development, Machine Learning.

## Experience

- **Cricket Plus Plus**          New York
  *Software Developer Intern (Backend) / Remote*          *Oct. 2018 – Dec. 2018*
  - *Designing API's for the Web application of Cricket Plus Plus. (Django, PostgreSQL, Python)*
- **Mettl – Induslynk Training Services**          Gurgaon
  *Intern*          *June. 2017 – July. 2017*
  - Programming Problem Setting
    *Responsible for setting high quality algorithmic problems, capable of testing students for recruitment in companies that'll shape the future of software industry.*
  - JavaScript Document Object Model based Application testing

## Projects

- **Slate:** A new interface in C++, which takes input by waving 'red led light' in front of webcam. Slate also recognizes human handwriting written on it. Includes a calculator, sketch-board (with eraser), gesture control, ASCII-art.
  *Winning project of Hack on Hills 3.0. (C++, OpenCV).* **For demo video, click here.**
- **PacManGL:** Famous Arcade game built from scratch in C++ using OpenGL (GLFW).
  *Winning project of Hack 2.0, 2018. (C++, OpenGL).* **For demo video, click here.**
- **SnakeGL:** Famous snake game built from scratch in C++. Sprite manoeuvre based on keyboard. *(OpenGL)*
- **Bingo Bot:** A CPU bot that plays against the player. The bot scans the entire board and predicts its next move.

## Accomplishments

- **Codechef.com –** Highest Rating **2006 (Five Star)**
- Ranked **190th** globally in July Long Challenge (Div1) 2018 on Codechef.          *July. 2018*
- Ranked **3rd** in hackathon (Hack on Hills) conducted by Hackerearth.          *Mar. 2018*
- Ranked **3rd** in Hack 2.0 conducted at National Institute of Technology, Hamirpur.          *Feb. 2018*
- Ranked **among top 2% (Rank 194)** globally in Oct. Long Challenge 2017 on Codechef.          *Oct. 2017*
- **3rd** Rank twice in Coding Competition *'#Heuristics'* conducted on www.hackerearth.com.

## Courses

- Algorithm Design and Analysis, Neural networks and Fuzzy Logic, Advanced Data Structure, Operating System, Database Management System

## Co-curriculars

- Volunteer at GLUG NIT-H.          *Mar. 2017 - Present*
- Executive Member at App Team, NIT-H.          *Mar. 2017 - Present*
- Executive Member at Computer Science Engineers Community, NIT-H.          *Feb. 2017 - Present*