**Hitanshu Dhawan**

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**Objective**

To secure a position where I can efficiently contribute my technical skills and abilities to the growth of the organization and build my professional career.

**Work Experience**

* **Software Engineer Intern at UrbanClap, Gurgaon Jun 2018 - Present**Worked on the Customer Android App for UrbanClap.  
  - Worked on the latest android architecture components like LiveData, ViewModel, Room etc.  
  - Removed various memory leaks and reduced the app’s memory consumption by 20%.  
  - Integrated various Payment Gateways like AmazonPay, PhonePe.  
  - Worked on an internal UrbanClap Analytics app for getting the real-time analytics data.  
  - Implement various custom views for code reusability.  
  - Worked under the Growth Team and helped UrbanClap increase their users.
* **Android Developer Intern at TwoWaits, Gurgaon Feb 2018 - Apr 2018**Worked as an Android Developer Intern at a startup TwoWaits.  
  Made an android application from scratch and implemented various features like authentication, chat, notifications, posts, offline access etc.
* **Teaching Assistant at Coding Ninjas, New Delhi May 2017 - Jul 2017**Worked as an Intern (Teaching Assistant) for the course of Data Structures and Algorithms in C++.  
  My job was to take doubt sessions, debugging codes and helping students in their assignments and various projects.

**Projects**

* [**PopCorn**](https://play.google.com/store/apps/details?id=com.hitanshudhawan.popcorn)  
  A Material Design Android Application for your favourite Movies, TV Shows, Actors and more.  
  It is an open-source project available on GitHub and Google Play Store with 400,000+ downloads.
* [**SharedPref**](https://github.com/hitanshu-dhawan/SharedPref)An android library for making SharedPreferences simple and easy. No need for commit() or apply().
* [**Todo**](https://github.com/hitanshu-dhawan/Todo)Simple Todo app to demonstrate Content Providers, Cursor Loaders, Cursor Adapters, Widgets, Notifications etc.
* [**College Placement App**](https://bitbucket.org/hitanshu-dhawan/collegeplacementapp)An android application for making College Placement Drives easy.Used various Firebase services like Firebase Authentication, Cloud Firestore, Cloud Storage as a backend service (MBaaS).
* [**Image Steganography**](https://github.com/hitanshu-dhawan/ImageSteganography)A software for concealing textual information inside of an image using OpenCV library in C++.  
  Implemented Least Significant Bit (LSB) algorithm for Image Steganography.
* [**Ultimate TicTacToe**](https://github.com/hitanshu-dhawan/TicTacToeAI)  
  An unbeatable computer game which can play Tic-Tac-Toe using Artificial Intelligence.  
  Implemented MinMax algorithm for analyzing all possible moves and selecting the best one.

**Publications**

* [**Writing your own Annotation Processors in Android**](https://medium.com/androidiots/writing-your-own-annotation-processors-in-android-1fa0cd96ef11)A comprehensive article about what are Annotation Processors and how to write one.  
  Was featured in Android Weekly Issue #329.
* [**Firebase ML Kit 101 Series**](https://medium.com/androidiots/firebase-ml-kit-101-introduction-1f5e591b1daf)Series of articles covering all the ML Kit APIs that Firebase offers like Text Recognition, Face Detection, Barcode Scanning, Image Labeling, Landmark Recognition.

**Education**

* **B.Tech in Computer Science and Engineering 2014 - 2018  
  Manav Rachna International University, Faridabad**CGPA 7.45/10
* **Class 12th (CBSE) 2014**Percentage 84.8%
* **Class 10th (CBSE) 2012**CGPA 8.6/10

**Achievements and Awards**

* Ranked 767 worldwide (99.92 percentile) on HackerRank Algorithms section.
* Launched an android application on Google Play Store with 85,000+ downloads.
* Secured an All India Rank of 50 in Tech Gig Code Gladiators 2017 Coding Competition among 219k+ contestants.
* Went to the elimination round of CodeChef SnackDown 2017 Coding Competition. Our team secured a rank of 3403 out of 21038 teams worldwide.
* Winner of the Hour of Code Coding and Debugging Competition conducted by ACM Student Chapter.
* First runner up of TechYuva ’14 App Development Competition conducted by Technoplanet Labs.
* Participated and Won in various Coding Competitions held at university and various online judges.

**Extra Curricular Activities**

* Organised an app development workshop for all major platforms in university as a team.
* Member of the organising team for the Intel Galileo workshop held at university Tech Fest 2016.

**Technical Skills**

* **Strong Areas:** Programming, Data Structures, Algorithms, Android Development
* **Languages:** C, C++, Java, Kotlin
* **Tools and Libraries:** Android Studio, Linux, STL, SQLite, Git

**Hobbies**

Competitive Programming, YouTube, Tinkering with Technology