Abhinav
Chawla

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Education ———

Integrated MTech(Computer Science and Major in Data Science)
IIIT-Bangalore | 2018 | GPA:3.35/4

Class XII
DPS Faridabad | 2013 | 90.2 %

Class X
DPS Faridabad | 2011 | 10/10

Skills ———

Languages: C++, Java, Kotlin, JavaScript Python, C, Solidity, Basics of R, OCaml, Javascript
Frameworks: AndroidStudio, SpringBoot, React, NodeJS, RubyOnRails, OpenCV, OpenGL

Extra-Curricular —

Football Podcast
- As an avid football fan, supporting Manchester United, I have my own podcast where I discuss football with other fans.

Placement Committe 2017-2018
- Worked in a team of 8 members to handle the placement activities in IIIT-Bangalore

Food Committee 2015-2017
- Acted as a common medium between the students, the adminstration and caterers to ensure the highest quality of food in IIIT-Bangalore Campus

Lawn Tennis Nationals
- Represented school in the sport of Lawn Tennis at National level in Nagpur in 2011

Work Experience and Internships

Aug'18- — Software Development Engineer -2 — *PayPal, Bengaluru*
Android Developer primarily for the Account Profile, Settings and Notifications Team, also worked on full stack development on web for the same domain. Promoted as among the best in my department in Feb'20

Jan-Jun'18 — Software Development Intern — *PayPal, Bengaluru*
Developed a working POC of a Social Media component in the PayPal App where users can add friends, view their purchases, comment and like on them etc. Developed using MySQL, SpringBoot and Android.

Apr-Jun'17 — Summer Intern — *IISc, Bangalore*
Intern at the Cryptography and Information Security (CrIS) lab at IISc Bangalore. Explored garbled circuits and blockchain technology.

Sep-Dec'17 — C++ Teaching Assistant — *IIIT, Bangalore*
Included responsibilities such as creating coding assignments, advising the course project of the semester and clearing doubts and issues during regular classes

Research and Projects

May-Jul'19 — Dynamic Augmented Reality — *FundingMix, Freelancing project*
Working on an augmented reality app for users/organisations to dynamically add images and videos and augment it on the screen

Jan-May'17 — Research on Oblivious Transfer(OT) and OT Extensions — *IIIT, Bangalore*
Worked on open Problems related to 1-out-of-2, 1-out-of-n, k-out-of-n, General OT and its extensions (passive and active model) which are used for Secure Multi party computations.

Jun-Dec'17 — Semantic Classification of LiDAR Point Cloud — *IIIT, Bangalore*
This project aimed at uniquely labeling each 3D scene point of LiDAR Point Cloud Data with a semantic label (e.g. ground, building or vegetation) using various local geometric descriptors

Jun-Dec'17 — Python-Cool — *IIIT, Bangalore*
Given a COOL source file, it makes sure the code is syntactically and semantically correct and generates executable code targeting the MIPS 32-bit architecture

Achievements and Certifications

May'19 — Multiple Spot Awards - PayPal
Awarded multiple Spot(Cash bonus) awards for my internship project and performances in PayPal

Sep'19 — Android Dev Summit
Selected by Google and PayPal to attend the Android Dev Summit at Sunnyvale, CA

Sep'18 — Udemy Blockchain Certification
Completed Udemy blockchain course titled Ethereum and Solidity: The Complete Developer's Guide by Stephan Grider by developing Decentralizaed Applications using solidity.

Jul'15 — RunnersUp - DreamWorks Hackathon
Won 30k Prize Money in an Computer Graphics Animation Hackathon

Jun'15 — Top 500 - CodeChef Snackdown

Jul'13 — Gold Medal - DPS Faridabad
Received for achieving 80% or above for eight consecutive years.

Electives

Electives — Machine Learning, Secure Multi Party Computation, Machine Perception, Foundations of Cryptography, Data Analytics, E-Governance, Computer Graphics, Compilers, Multi Agent Systems