

Chirag Wadhera

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EDUCATION

IIT PATNA

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

2015-Present | Patna, India
Current CPI: 7.35/10

D.P.S R.K. PURAM

INTERMEDIATE/+2

Grad. May 2015 | New Delhi, India
CBSE: 97.4/100

BAL VIKAS SCHOOL

MATRICULATION

Grad. May 2013 | Panipat, India
CBSE: 10.0/10.0

LINKS

Github:// [chiragw15](#)
LinkedIn:// [chirag-wadhera](#)
Blogs:// [chiragw15-blogs](#)

COURSEWORK

Algorithms and Data Structures
Computer Architecture*
Database Management*
Formal Language and Finite Automata*
Switching Theory/ Digital Electronics

(*) courses to be completed by November 2017

SKILLS

- Languages - C,C++ (Expert), Java (Proficient), Kotlin (Proficient), Python (Intermediate)
- Web/Android App Dev - Java, XML, HTML, CSS, JavaScript, SQL, PHP
- Platforms and tools - Android Studio, Arduino, Raspberry PI, Github, Google Cloud Platform, Kubernetes, Docker, Travis CI

POR

- Student Lead - Google Developer Student Club (GDSC), IIT Patna
- Coordinator - NJACK, The Computer Science Society, IIT Patna
- Coordinator - Web and App Department, Anwesha - Annual Techno-Cultural Fest, IIT Patna

EXPERIENCE

GOOGLE SUMMER OF CODE 2017

STUDENT DEVELOPER WITH FOSSASIA

May 2017 – August 2017 | Mentors: Mario Behling, Michael Christen

- Worked on a Rule-Based Artificial Intelligence based Personal Assistant Application named "SUSI.AI"
- Improved and implemented new rules/skills for SUSI AI, thus improving overall response from the Assistant.
- Worked on improving the Android Client of the Project using Kotlin as primary language improving the UI and performance of the app and also implementing new features like Speech to Text, Text to Speech, Hotword Detection etc.
- Implemented new Java Servlets and APIs on the Server and auto deployed Server on Google Cloud Platform using Kubernetes after each commit in the Github Repo using Docker images build during Travis CI build.

PROJECTS

EKSHIKSHA, IIT BOMBAY | THREE.JS WEBGL ANIMATIONS

Jan 2017 - April 2017 | Patna, India

Developed interactive WEBGL Animations using a cross-browser Javascript Library/API THREE.JS used to create and display animated 3D computer graphics in a web browser. These animations will be used by Ekshiksha to teach educational concepts to the school students.

ANWESHA 2K17 | ANDROID APPLICATION DEVELOPMENT

Dec 2016 - Jan 2017 | Patna, India

Official Android App for Anwesha 2k17, The Annual Techno Cultural Fest of IIT Patna. The app has around 500 downloads on Playstore with a rating of perfect 5 by 50 users.

MAILBOTAPP | AUTOMATED EMAIL WRITING PROCEDURE

Jan 2017 - April 2017 | Patna, India

An Android Application and a Facebook Messenger Bot using IBM Watson Conversation as the backend that help in generating the Email for users. The user can interact with the bot giving details and the bot generates the mail with proper grammatical sentences. Currently, only leave emails are generated automatically.

ACADEMIC ACHIEVEMENTS

2015	CBSE	Awarded certification for National top 1 percent in Chemistry(99%),Computer Science(99%) and Physics(98%) in All India Senior School Certification Examination (Class XII).
2015	JEE	Secured rank 3369 in JEE Advanced (out of 1,50,000 candidates (top 2.2%)) and 2173 in JEE Mains (out of 14,00,000 candidates (top 0.15%)).
2016	ACM ICPC (Certificate)	Secured rank 52 out of 3,000 teams (9,000 candidates) in online round of ACM ICPC India, regarded as Olympics of coding and represented IIT Patna in regional rounds.
2017	Codechef (Certificate)	Secured 55 rank out of 4,000 teams (8,000 candidates) in Pre-Elimination round of Codechef's annual global event - Snackdown
2017	Eclavya, IITB (Certificate)	Secured All India Rank 2 in the Software Quota Contest organised by IIT BOMBAY