

# JAI KUMAR DEWANI

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## EDUCATION

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### International Institute of Information Technology, Naya Raipur

Bachelor of Technology

Computer Science and Engineering

*August 2017 - Present*

CGPA: 7.54 (till 5<sup>th</sup> Semester)

### Holy Cross Byron Bazar, Raipur

Class XII, AISSCE, CBSE(Science)

*July 2015 - May 2017*

Percentage: 85.0

### Holy Cross Byron Bazar, Raipur

Class X, AISSCE, CBSE

*July 2003 - May 2015*

Percentage: 83.6

## WORK EXPERIENCE

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### Directi, Naya Raipur

*Workshop Trainer Intern (May '19-June '19)*

Trained 18 school students about Python programming using code visualization techniques in the Codechef sponsored summer camp of 2 weeks, learned and improved upon various pedagogy techniques.

### The Society of Coders(TSoC), IIIT-Naya Raipur

*2018*

Co-founded the first coder's club at IIIT-NR, organized various hackathons and events to promote competitive programming among the students, and improve the coding environment of the Institute.

## PROJECTS

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### DeepNeural Net Visualiser — [WebApp](#)

*June 2020*

Created a Neural Net Visualiser and trained it on the MNIST database which helps in visualizing the hidden layers(three). Used Streamlit to create a clean frontend to update the model layer by layer post result generation and hosted the project on Heroku. [Tech Stack: *Tensorflow, Flask, Streamlit*]

### FunMark — [GitHub](#)

*May 2020*

Created an easy to use python package for benchmarking functions. It allows for graphical comparisons. Released it on PyPi package manager for smooth installation. More about FunMark on my [blog](#).

### Lab Works — [GitHub](#)

*April 2019*

An application made to ease the lab assessments for technical institutes. Enabled users to create coding questions and add test cases. Used JDoodle's API to compile student's programs and check them against predefined input. [Tech Stack: *HTML, CSS, Js, Bootstrap, Django, SQLite*]

### YelpCamp — [GitHub](#)

*August 2018*

Created a social website where for hikers to view different camps. Enabled CRUD functionalities to create, edit & delete posts. Used MongoDB for the backend. Used Passport for authenticated logins and sign-ups to the platform. [Tech Stack: *HTML, CSS, Js, Node.js, Express, Passport, MongoDB*]

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python( <i>for programming &amp; development</i> ), JavaScript, C
<b>Framework &amp; Libraries</b>	Django, Bootstrap, Node.js, Express, Passport
<b>Software &amp; Tools</b>	Heroku, MS-Excel, Latex, Git, Github

## ACADEMIC ACHIEVEMENTS & EXTRA-CURRICULAR

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- Ranked **1127<sup>th</sup>** globally and **115<sup>th</sup>** in India in Google HashCode, out of 10724 teams.
- Qualified ACM-ICPC 2020 in Kanpur(**rank 63**) and Gwalior regions.
- Qualified ACM-ICPC 2019 in Kharagpur(**rank 81**) and Amritapuri(**rank 37**) regions.
- Successfully cleared the Foundation level in **CCDSAP Certificaton** by CodeChef.
- Recipient of **Google India Challenge Scholarship '17 Phase-1** under Udacity Nanodegree program
- Qualified CodeChef's Snackdown with a rank of **2587** out of 27875 teams
- Ranked **3<sup>rd</sup>** in **Codeutsava 2020**, NIT Raipur's Annual Hackathon out of 30 participating teams