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**H R I T I K   H A R B H L A**

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3<sup>rd</sup> year ECE, NSIT | 2016UEC2174

<https://github.com/harbhlahritik>

## EXPERIENCE

<b>HCL Infosystems</b>	<b>Industrial Training</b>	<b>July 2018</b>
<ul style="list-style-type: none"><li>Industrial Training was designed to cater to Hardware, Software as well as Management. In the Hardware department I was acquainted with their infrastructure, servers and manufacturing units. Experienced SSH login to servers and their assembly line configuration.</li><li>In <u>Software</u> I worked on <u>Data Analysis</u> in representation of data using Python and estimating the production requirements. For Management I shadowed meetings and blended into the corporate culture. The training served as a great insight into the working of a large tech company.</li></ul>		
<b>BlueSeed Ventures</b>	<b>Web Development Intern</b>	<b>June 2018</b>
<ul style="list-style-type: none"><li>As a part of the internship I worked on the flagship project of BlueSeed Ventures to develop a web app for Home Customization along with real time improvement suggestion to the users.</li><li>I was required to design algorithms in JavaScript, convert some proprietary algorithms from ActionScript to JavaScript and later setup the Node.js infrastructure for the deployment of the web app.</li></ul>		

## EDUCATION

<b>New Delhi, IN</b>	<b>Netaji Subhas Institute of Technology (NSIT)</b>	<b>Aug 2016 – May 2020</b>
<ul style="list-style-type: none"><li>B.E. in Electronics and Communication Engineering, <u>CGPA: 8.0459 (up till 4<sup>th</sup> semester)</u>.<ul style="list-style-type: none"><li><u>Coursework</u> – Electronics, Linear Integrated Circuits, Data Structures, Communication Systems.</li></ul></li><li><b>AISSCE – CBSE: (XII) 94.6 % overall</b>   R.N. Podar Senior Secondary School   Mumbai, IN <b>June 2016</b></li><li><b>ICSE: (X) 93.67 % overall</b>   Maneckji Cooper Education Trust School   Mumbai, IN <b>June 2014</b></li></ul>		

## PROJECTS

- MedRep | Node.js** – My project built at Hackeam'18 Hackathon conducted in NSIT. **Feb 2018**  
Technologies used: Node.js (Express) and MongoDB.  
Web app that acts as a cumulated repository for all your past medical records and synchronized data with a user's unique ID such as Aadhaar in India. Primarily worked on building the backend along with database designing. - Selected in top 12 of 100 teams which got an opportunity to present their project during the TEAMC conference. <https://github.com/harbhlahritik/HACKEAM-CodeIT-2018>
- TicTacToe | JavaFX** – **June 2018**  
A fun desktop JavaFX multiplayer game of Tic-Tac-Toe. Currently implementing minimax algorithm to make the computer unbeatable at the game. <https://github.com/harbhlahritik/TicTacToe>

## ADDITIONAL EXPERIENCE & VOLUNTARY WORK

<b>Head of Production Department</b>	<b>Venatus : Official Society in NSIT</b>	<b>Feb 2017 - Present</b>
<ul style="list-style-type: none"><li>Worked as a Graphic Designer, Video Producer and Content Creator during my first year of college. Working in a registered society of the college gave me an experience of working as a team and organizing of large events.</li><li>Managed the Production Department of the society working with 45 members to achieve yearly targets during my 2<sup>nd</sup> year.</li></ul>		
<b>Graphic Designer</b>	<b>Essentially Sports Page</b>	<b>Sep 2017 – Oct 2017</b>
<ul style="list-style-type: none"><li>Worked as a Graphics Designer for sports related online page with 10,000 followers.</li><li>Uploaded 30 Sports related graphics or images during my tenure as a part of the content production team. Worked under strict deadlines.</li></ul>		

## ADDITIONAL PROJECTS & WORKSHOPS

<b>Arduino Development</b>	<b>Arduinodaya - Workshop by CEDT (Texas Instruments) Lab NSIT</b>	<b>Jan 2018 – Feb 2018</b>
<ul style="list-style-type: none"><li>Worked on building hardware for Arduino – PCB fabrication, Component Soldering, Circuit Designing and Arduino Programming.</li><li>Completed hardware fabrication of two homegrown circuit boards of CEDT and worked on various small projects using the Arduino Nano, UNO and self-made Pro boards.</li></ul>		

## CERTIFIED COURSES

<b>Java: Data Structures and Algorithms</b>	<b>Coding Ninjas (New Delhi, IN)</b>	<b>Feb 2017 – Apr 2017</b>
<ul style="list-style-type: none"><li>Built conceptual clarity in Data Structures and learnt about various algorithms used to solve problems. Language used - Java.</li></ul>		

## LANGUAGES AND TECHNOLOGIES

<b>Proficient:</b> Java	<b>Intermediate:</b> C++, C, HTML, CSS, JavaScript, Git, Node.js
<b>Project Related Experience:</b> JavaFX, MongoDB	<b>Beginner:</b> Python, MySQL, Data Analysis (Pandas & Matplotlib)