

# DEBOJYOTI PAUL

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## PROFILE

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- Proactive, responsible, final-year undergraduate who has undertaken relevant software development projects.
- Seeking graduate positions that match skills and experience.

## EDUCATION

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- **Tezpur University, Tezpur, Assam India** *2014-2018*  
B.Tech. in Computer Science & Engineering. CGPA: 7.78 ( till 6th semester)
- **St. Anthony's H/S School, Shillong, Meghalaya** *2012-2014*  
Higher Secondary School leaving Certificate. Percentage: 84.8%
- **Laban Boy's School, Shillong, Meghalaya** *2007-2012*  
Secondary School leaving Certificate. Percentage: 84.1%

## EXPERIENCE

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- **Summer Intern at Indian Institute of Technology, Kharagpur** June-July 2017
  - **Project : Information Extraction in Biomedical Domain.**
  - Developed a co-occurrence network from concepts extracted by applying named entity tagging on 10,000 biomedical articles. Also, represented the network in web view using flask framework.
  - Tools and Platforms: Python, Flask, GraphViz, ABNER (a open source software for Named Entity Recognition)
  - **Guided by:** Sudeshna Sarkar (Prof & Head Dept. of CSE IIT KGP)

## FINAL YEAR PROJECT

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- **Design and Development Educational Chatbot** Status : On-going
  - Developing a factoid dialog based system which will act as a conversational agent where users can submit queries in natural language and appropriate response is generated from a knowledge source constructed from wikipedia dumps and google scrapping results.
  - Platforms and Tools : Python, SLA4 (scripting layer for android), NLTK, django.
  - Guided by: Prof. Bhogeswar Borah (Prof Dept. of CSE Tezpur University)

## OTHER MAJOR PROJECTS

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- **Product reviewing app** February 2017
  - Developed a product reviewing app where users can post comments about a product, rate it and add the product to his Wish list.
  - The front end was designed using Twitter Bootstrap and the product listings are stored in NoSQL database (MongoDB)
  - Tools and platforms: MongoDB, ExpressJS, NodeJS, AngularJS.
- **Househarbour.com** January 2017
  - Created a website entitled **househarbour.com**. It provides a list of Hostels and PG's in Shillong which will help students to choose accommodation based on requirements.
  - Led a team of 3 people in completing the website.
  - **Received positive reviews** from hostel owners and students who have used it.

- Tools and platforms: LAMP stack , jQuery, Javascript, CSS.

## • Database Project

November 2016

- Developed an *Database Management System* entitled **Hospital Management System** under the guidance of Dr. Sarat Saharia.
- The app provides feature like patient record creation/updating/deletion/modification along with a system for maintenance of doctors,labs,medicine repository and cabins/beds in the hospital.
- Tools and Platforms: MySQL, PHP, BOOTSTRAP.

## • FTP Client-Server Program

September-2016

- Implemented an FTP program which supported commands such as Get, Put, ls, cd.
- Users can remote login within the intranet and use standards FTP commands.
- Tools Used: SOCKET API IN C.

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	Python, C/C++
<b>Packages</b>	bs4, NLTK, flask
<b>Web Based knowledge</b>	PHP, Ajax, HTML5, Javascript, Bootstrap.
<b>Databases</b>	MySQL, MongoDB.
<b>Tools</b>	PyCharm, Hadoop(beginner), L <sup>A</sup> T <sub>E</sub> X, Git
<b>Platforms</b>	Linux and Windows.

## POSITIONS OF RESPONSIBILITY

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- **Webmaster T&P website**, Tezpur University (<http://www.tezu.ernet.in/tp>)
  - Updated and modified the design of our T&P homepage and now working on the system of student/recruiter registration.
- **Core team Member IEEE**, Tezpur University Chapter.
  - Conducted a workshop(consisted of three classes) on web development.
  - Organized inaugural session program for session 2017-18.
- Actively took part in social service activities as a volunteer for National Service Scheme (NSS) at Tezpur University, 2014-2015.
  - Conducted surveys on behalf of NSS in the rural areas of Napaam.

## WORKSHOPS ATTENDED

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- Participated in a two day Workshop on "*IOT and Security*" organized by Department of CSE, Tezpur University in association with Department of CSE, IIT Guwahati, Assam , March 27-28,2017 Tezpur University, Tezpur, Assam - INDIA.
- Participated in Workshop on "*High Performance Computing*" organized by CDAC Pune, 15-16 March 2017, Tezpur University, Tezpur, Assam - INDIA.
- Participated in "*Ethical Hacking Workshop*" at Tezpur University by TechnoMatrix at Techxetra,2014 (Annual Technical Fest at Tezpur University)

## PERSONAL TRAITS

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- Fast learner having desire to learn and master new skills.
- Strong dedication towards my goals.

## DECLARATION

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I hereby declare that the above information furnished is true to the best of my knowledge and belief.

Place: **Tezpur**

(Debojyoti Paul)