

# DEBOJYOTI PAUL

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## PROFILE

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- Fresher with hands on experience in Software Development. Supportive and enthusiastic team player. 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.Anthonys'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%

## INTERNSHIP

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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 a web view using flask framework .
  - Visualized the network using GraphViz and used ABNER, an open source tool for NER tagging.
  - Guided of Prof. Sudeshna Sarkar.

## KEY PROJECTS

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- **Real Time face recognition using deep learning.** Status : On-going
  - Developing a system for recognizing and tracking human faces from streaming video and train our Convolutional Neural network in the cloud with the recognized faces using Transfer learning.
  - The CNN model is written in Tensorflow and deployed in Cloud in Intel's BIGDL platform.
- **Househarbour.com** January 2017
  - Created a website entitled **househarbour.com** which 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.

## OTHER PROJECTS

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- **Hospital Management system** November 2016
  - A database system in MYSQL and PHP providing features like patient record creation, updating, deletion, modification etc. Also, Designed ER model, Relational Model and Normalized to 3NF form of the hospital database schema.
- **Product reviewing app** February 2017
  - A Web application in ExpressJS enlisting products stored in MongoDB through interface of AngularJS. Users can post comments about product, rate the product and add product to its wishlist.
- **FTP Client-Server Program** September-2016
  - A FTP program written using SOCKET API in C where users can remote login and use standard ftp commands like get,put,delete.

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	Python, C/C++
<b>Packages</b>	bs4, NLTK, flask, Keras (beginner), Tensorflow(beginner)
<b>Web Based knowledge</b>	PHP, Ajax, HTML5, Javascript, Bootstrap.
<b>Databases</b>	MySQL, MongoDB.
<b>Tools</b>	PyCharm, L <sup>A</sup> T <sub>E</sub> X, Docker, 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)**