

# Tushar Gautam

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## EDUCATION

### NIT, TRICHY, INDIA

B.TECH IN PRODUCTION ENGG.

Expected May 2017 | Trichy, TN, India

Cum. GPA: 7.85/10

## LINKS

Github:// [tushar-rishav](#)

LinkedIn:// [tusharrishav](#)

Facebook:// [tushar.rishav](#)

Quora:// [Tushar-Rai-3](#)

## UNDERGRADUATE

Probability and Statistics

### INDEPENDENT|COURSERA

Data Structures and Algorithms, IIT Delhi

Software Security, University of Maryland, College Park

Machine Learning, Prof. Andrew Ng, Stanford

## SKILLS

### PROGRAMMING

Over 5000 lines:

Python • JavaScript • PHP • C++

Over 1000 lines:

C • CoffeeScript • HTML • CSS

Familiar:

Scala • Clojure • GNU Octave •

MongoDB • MySQL • Git • AngularJS •

Rails • Bottle • Bash

## EXPERIENCE

### CITRUS PAYMENTS | SOFTWARE ENGINEERING INTERN

May 2015 – Jul 2015 | Pune, India

- Rewrote Citrus.js to integrate checkout page with Citruspay payment gateway, in CoffeeScript using revealing module design pattern. The result was 45% reduction in overall size of codes.
- Wrote Ruby and Python scripts for implementing Citrus Wallet.

## PROJECTS

### BALERT

Sep 2015 | Python

Gives voice notification whenever the charge of your battery becomes low. User has an option to set custom warning messages, percent charge level and select between English, Hindi and Tamil as one of the notification languages. Published at PyPi Github

### WALLNOTE

Oct 2015 - Present | Python

Converts wallpaper into an “editable white board” enabling users to write notes with changes being reflected immediately. Currently, the project is under development Github

### CODE2PDF

Sep 2015 | Python

Console app cum Python module to convert given source code into PDF file with the options for more than 20 syntax highlighting themes, custom PDF sizes and line formatting. Github

### TOPCODER-DL

Oct 2015 | Python

Console app to efficiently download all the algorithm tutorials from Topcoder and save them locally as PDF files for offline reading. Github

### BLOGULAR

Aug 2015 | AngularJS

A simple Blog generator which takes article contents as JSON data and generates a decent blog. Github

### SMART BUS

Oct 2015- Present | Internet of Things Lab, National Institute of Technology, Trichy

To find ETA of the public transport buses, seats availability and display at every bus stop. The goal is to minimise the overall cost incurred with feasible solution.

## AWARDS

2013 top 5924 among 1.4 millions students in JEE 2013

2010 All India Rank 514 Indian National Science Olympiad

2012 Awarded for extra-ordinary performance in cricket-boys senior under 17 years

## SOCIETIES

2014 Delta Programming club of National Institute of Technology, Trichy