

# Tushar Gautam

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## EDUCATION

### NIT, TRICHY, INDIA

#### B.TECH, PRODUCTION ENGINEERING

Expected May 2017 | Trichy, TN, India

Cum. GPA: 7.52/10

## LINKS

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

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

LinkedIn:// [tusharrishav](#)

Quora:// [Tushar-50](#)

StackOverflow:// [tushar-gautam](#)

## COURSEWORK

### UNDERGRADUATE

- Probability and Statistics (MA208)
- Image Processing (EC451)

### INDEPENDENT

- Algorithms: Design and Analysis, Stanford University, Coursera
- Machine Learning, Stanford University, Coursera
- Fundamentals of Digital Image and Video Processing, Northwestern University, Coursera
- Website Performance Optimisation, Udacity

## SKILLS

### PROGRAMMING

Preferred:

- Python • JavaScript

Familiar:

- C/C++ • CoffeeScript • Octave
- PHP • HTML • CSS

### TECHNOLOGY

- MongoDB • Git • AngularJS • Flask
- Node.js • Chai • Mocha
- Docker • Linux (Fedora)

## POSITIONS

### Core Member, Delta Force

[github.com/delta](#)

The elite programming club of NIT, Trichy.

## HOBBIES

- Playing Cricket
- Traveling
- Watching TED talks

## EXPERIENCE

### COALA | GOOGLE SUMMER OF CODE DEVELOPER

Python Software Foundation | April 2016 – August 2016

- Developed coala-html, a console app that generates an interactive webpage using static code analysis from coala, making it easier for humans to process the results. <https://github.com/coala/coala-html>
- Implemented a web interface to run static code analysis from within a web browser.

### EUROPYTHON | SPEAKER

17 Jul 2016 – 24 Jul 2016 | Bilbao, Spain

- Conducted a training session on "Guide to make an open source contribution", using Git, continuous integration and deployment tools. Participants made real time contributions to coala. (<https://github.com/coala/coala>)

### CITRUS PAYMENTS | SOFTWARE ENGINEERING INTERN

May 2015 – Jul 2015 | Pune, India

- Refactored the existing JavaScript library that integrates a checkout page with Citrus payment gateway, resulting 40% reduction in codebase.

## OPEN SOURCE PROJECTS

### COALA

Contributor | Python

A language independent static code analysis application.

<https://github.com/coala/coala>

### COALA-HTML

Author | Python

Interactive web-page generator using results from static code analysis with coala.

<https://github.com/coala/coala-html>

### IGITT

Contributor | Python

Unified interface to access various git hosting services like GitHub, GitLab etc.

<https://gitlab.com/gitmate/IGitt/>

### CODE-CONTROL

Contributor | NodeJS

Code Character is a versus event. Your aim is to code a character and defeat the other player. <https://github.com/ash7594/code-control>

### CODE2PDF

Author | Python

Console app that converts given source code into PDF file with the options for more than 20 syntax highlighting themes, custom PDF sizes and line formatting.

<https://github.com/tushar-rishav/code2pdf>

### BALERT

Author | Python

A console app, that gives voice notification when the charge of battery becomes low. Users have the options to set custom warning messages, critical charge level and select English, Hindi or Tamil as one of the notification languages.

<https://github.com/tushar-rishav/balert>