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EMPLOYMENT

**Software Developer,
Intern**   **CITRUS PAY**   **Summer 2015**

- Rewrote Citrus.js , a JavaScript library 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

EDUCATION

National Institute of
Trichy, TN, India   **Technology**   **July 2013 – May 2017**

- Currently in 3rd year, pursuing B.Tech in Production Engineering with CGPA 7.85
- Independent Coursework: Algorithms, Machine Learning (undertaking)

TECHNICAL EXPERIENCE

Projects

- **Code2pdf** (2015). Console app cum Python module to convert given source code into PDF file with an option of more than 20 syntax highlighting themes, custom PDF sizes and line formatting. Github
- **Balert** (2015). Console app which gives voice notification whenever battery's charge becomes low. User has an option to set custom warning messages, percent charge level and choose between English, Hindi and Tamil as the notification languages. The battery level is being read from system files periodically by creating Cron jobs. Currently, the app is being used by 25k+ users. PyPi Github
- **Topcoder-dl** (2015). Console app to download all the algorithm tutorials from Topcoder and save them locally as PDF files for offline reading, efficiently using Multi threading. Github.
- **Blogular** (2015): Single page web application in AngularJs which generates decent blog using article content as JSON data with functionalities like search and pagination. Github
- **Wallnotes** (2015). Desktop application which converts wallpaper into an "editable white board" enabling users to write notes with changes being reflected immediately. The data is saved as key,value pair. Finally, the data file has to be converted into an image file and then changing the wallpaper using system commands. Currently, the project is under development. Github

ADDITIONAL EXPERIENCE AND AWARDS

- **Web developer** (August 2014 - Present): Member of Delta Force the central web team and Programming club of National Institute of Technology, Trichy
- Awarded for extra-ordinary performance in cricket-boys senior under 17 years.
- School rank 1, District rank 2 and All India rank 514 in National Science Olympiad (2010)
- Top 0.8% among 1.3 million students in IIT JEE Mains 2013.

Languages and Technologies

- C++, Python, JavaScript, CoffeeScript, PHP, GNU Octave, Scala
- Git, Bottle, AngularJs, MongoDB, Rails, HTML, CSS
- Linux