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Experience

System Engineer **TCS Innovations Lab, TRDDC** **October 2019 – Present**

Pune, India

- Currently working on intent detection and slot filling for legal document using Attention based RNN.
- Technologies used are Python, Keras, Pandas, Numpy, Matplotlib.

System Engineer **Tata Consultancy Services** **September 2017 – October 2019**

Chennai, India

- Created RESTful service to operate and handle large amount of data in very less time.
- Created many reusable services and methods as a part to refactor code and improve performance.
- Configured Continuous Integration and Deployment for the project using Jenkins and Gitlab.
- Technologies used are Java 8, Spring Boot, Oracle DB, Maven, Jenkins

Software Developer Intern **Google Summer of Code** **May 2017 – August 2017**

Remote

- Improved the overall UI by implementing a spreadsheet interface for adding students in a course.
- Created and executed automated software test scripts to uncover and identify software problems.
- Resolved 20+ bugs in the product to improve performance and user experience.
- Technologies used are Java, JavaScript, CSS3, Bootstrap, Selenium and QUnit for Js testing.

Skills

- Programming Languages: Python, Java
- Version control: Git, Github
- Internet Technologies: HTML5, CSS3, Javascript
- Frameworks & Libraries: Keras, Pandas, Numpy, Matplotlib, Spring Boot

Projects

- **Finger Detection and Tracking** (<https://github.com/amarlearning/opencv#finger-detection-and-tracking>) Tracking the movement of a finger in the real-time video frame. Got 1000+ clones in the first week of launch. OpenCV, Python
- **Machine Translation (French-English)** (<https://github.com/amarlearning/neural-machine-translation>) Compiled a jupyter notebook to translate text from french to english using an Bidirectional encoder-decoder keras model. Python, Keras
- **Github Sectory** (<https://github.com/amarlearning/Github-Sectory#github-sectory>) CLI application for downloading sub-directory of any Github repository using Github Content API. Got 400+ downloads in the rst week of launch. Python

Awards

- Star Performer Award for delivering the Best Project of Cummins, TCS 2019.
- Successfully completed Google Summer of Code in 2017
- Cleared Qualication round of Google Code Jam 2016 & TCS Codevita 2015 & 2016.

