Pune, India
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Amar Prakash Pandey

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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 the legal document using Attention-based Recurrent Neural Network.
- 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 a large amount of data in 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 30+ bugs in the product to improve performance and user experience.
- Technologies used are Java, JavaScript, CSS3, Bootstrap, Selenium, and QUnit for Js testing.

Skills

- Languages: Java, Python
- Databases: MySQL, Redis
- Internet Technologies: HTML5, CSS3, Javascript
- Tools/Frameworks: Spring Boot, Git, Keras, Pandas, Numpy

Projects

- **Anonymous Chat** (https://github.com/amarlearning/spring-boot-websocket) Real time public/private chat application using spring boot web-sockets. Java 8, Spring Boot, Websockets
- **Finger Detection and Tracking** (https://github.com/amarlearning/Finger-Detection-and-Tracking) Tracking the movement of a finger in the real-time video frame. Python, OpenCV
- **Github Sectory** (https://github.com/amarlearning/Github-Sectory#github-sectory) CLI application for downloading sub-directory of any Github repository using Github Content API. Python

Achievements

- (Google Summer Of Code) Completed Google Summer of Code in 2017 by working on Teammates project by the National University of Singapore.
- (Cummins, TCS) Star Performer Award for delivering the Best Project of Cummins, TCS 2019.
- Over 10+ people have used this project in their research work and over 50,000+ people have cloned this project on Github.
- Over 62000+ people have downloaded the Github Sectory package via pip as of now.