Pune, India
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Amar Prakash Pandey

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Experience

System Engineer	TCS Innovation Lab, TRDDC	Oct 2019 – Present

Pune, India
- Currently working on multi-lable classification problem of legal domain with large number of labels and limited data points using Bidirectional Encoder Representation from Transformer.

System Engineer	Tata Consultancy Services	Sep 2017 – Oct 2019

Chennai, India
- Responsible for coding the business logic using Spring technologies and core java concepts.
- Proficiency in object-oriented programming and experience applying modern design patterns.
- Configured Continuous Integration and Deployment for the project using Jenkins and Gitlab.
- Act within a cross-functional, scrum-based team focused on agile and continuous software delivery.
- Technologies: Java 8, Spring Boot, Oracle DB, Maven, Jenkins, JUnit, Mockito, Restful Web Service.

Software Developer Intern	Google Summer of Code	May 2017 – Aug 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, MongoDB, Oracle 11g, Redis
- Internet Technologies: HTML5, CSS3, JavaScript
- Tools/Frameworks: Spring Boot, Docker, JUnit, Git

Projects

- **Chat Rooms** (https://github.com/amarlearning/chat-rooms) Real time public/private chat application using spring boot web-sockets. Java 8, Spring Boot, Websockets, Jquery, SockJs
- **Finger Detection and Tracking** (https://github.com/amarlearning/Finger-Detection-and-Tracking) A histogram based approach is used to separate out the hand from the background frame. Python
- **Github Sectory** (https://github.com/amarlearning/Github-Sectory) CLI application for downloading sub-directory of any Github repository using Github Content API. Python, Clint

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 62000+ people have downloaded the Github Sectory package via pip as of now.
- Over 10+ people have used Finger Detection and Tracking project in their research work and over 50,000+ people have cloned this project on Github.