Chetan Kasireddy

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Stony Brook, New York   https://github.com/kchetan

Experience

Practo Technologies Pvt. Ltd., Bangalore, India

Senior Software Engineer, April - July, 2018
- Developed a Complex Ordering module for Hospital Management System.
- Written unit tests for application using Mockito for better code stability
- Mentored software engineers in my team.

Software Engineer, July, 2016 - March, 2018
- Remodeled and optimized one of the core module (Registration) in the entire application.
- Improved the response time by 200% by optimizing DB queries and the API's.
- Developed front-end using react and wrote unit tests for application using Mockito for code stability

Software Engineer Intern, May - July, 2015
- Developed Hire-ninja, an application to help the HR's to keep track of the recruitment.
- Developed Access-gateway, application which automates access request to Github repositories, jira etc.

International Institute of Information Technology, Hyderabad, India

Head Teaching Assistant, Principles of Programming Language, Computer Programming

Research Assistant, Building Science Research Center, May, 2013 - January, 2014

Skills

Languages : C++, Python, Java, SQL, JavaScript, LISP
Technologies : Spring, React, Flask, Github

Education

Stony Brook University, Stony Brook, New York
Master of Science, Computer Science, August 2018 - December 2019 (GPA - /4.0)
International Institute of Information Technology, Hyderabad, India
Bachelor of Science, Computer Science, August 2012 - May 2016 (GPA - 8.21/10.0)

Projects

Wikipedia Search Engine
Information Retrieval and Extraction
- Implemented an efficient search engine (in Python) on a dump of Wikipedia data of 46GB
- Tertiary Indexing for fast searching, which returns 50 queries per second. TF/IDF ranking was used.

Predicting the Outcome of ODI Cricket Matches
Data Warehouse and Data Mining
- Used Supervised learning approach from a team composition perspective.
- Individual players strength to model the team strength which is the base of the approach.

Relevant Coursework

Graduate: Artificial Intelligence, Asynchronous Systems, Algorithms
Undergraduate: Information Retrieval, Data Warehouse and Data Mining, Statistical Methods in AI

Achievements

- Selected for Dean's list for academic excellence.
- Commendation Certificate for contribution towards sports activities in IIIT-H.
- Won 1st prize in Inter batch cricket and volleyball tournaments held at IIIT-H
- Ranked 1240 in AIEEE. Top 0.01 percentile.