Kripanshu Bhargava

Portfolio| 214.794.8730
gmail | linkedIn | Github

Results-oriented Software Engineer with superior problem-solving and critical thinking skills, as well as a meticulous attention to detail and methodical nature. Skilled in tackling problems in unique ways to develop innovative solutions.

EXPERIENCE

HARVARD UNIVERSITY | Software Engineering Intern
Expected May 2018 – Aug 2018 | Cambridge, MA
- Created REST API Web Services with the software development department using Django, Redis and Celery frameworks.
- Wrote efficient python script to automate preprocessing tasks, resulting in increased efficiency, now used by dataverses over the world. Harvard Dataverse.

HARVARD UNIVERSITY SEAS | Software Engineering Intern
Jan 2018 – May 2018 | Cambridge, MA
- Provided methodologies for object-oriented software development and efficient database design to PSI team at Harvard.
- Worked on the project to predict the relation between univariate variables using CARET, Keras and Tensor flow in Python and R which decreased the preprocessing runtime.

THE UNIVERSITY OF TEXAS AT DALLAS |Research Assistant / Developer
June 2017 – December 2017 | Dallas, TX
- Used React.js, D3.js to develop explore tool for data visualization which improved the user feedback for the Two Ravens tool.
- Work involved developing Machine Learning models, data visualization, Regression Testing for the preprocessed data.

PROJECTS

JOB HUNT REPO BOT | python, Gmail API, Machine Learning | July 2018 – Present | Allston, MA
Developed efficient python Deep Learning bot which keep track of your job applications on Gmail and automatically update the excel/csv/JSON record. It uses Classifier build on bag of words using Tensorflow Text Classification to update the application status.

KRIPSQL - SELF DATABASE ENGINE | Java, B+ Tree, CLI | Jan 2017 – Mar 2017 | Dallas, TX
Rudimentary database engine that is loosely based on a hybrid between MySQL and SQLite, which I call krip-Sql. This provides all basic functionality of MySQL.

GIFT REGISTRY | Angular.js, Spring boot and Hibernate, MYSQL | Sep 2017 – Dec 2017 | Dallas,TX
Developed a highly scalable responsive wish list Web application for gift registry with properly working database and smart front end.

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS | MS Computer Science
Expected Dec 2018 | Dallas, TX · Cum. GPA: 3.6/ 4.0
CourseWork : Machine Learning, Artificial Intelligence, Statistical Learning, NLP, Analysis of Algorithms, Database Design, Human Computer Interactions

SRM UNIVERSITY | B.Tech Information Technology
May 2016 | Chennai, India · Cum . GPA: 8.5/ 10.0
CourseWork : R, Operating Systems, Data Structures, Web Programming Languages, Software Engineering, Discreet Maths

SKILLS

PROGRAMMING
Java, Python, Javascript, C++, SQL | NoSQL, HTML5/CSS3, R

TECHNOLOGIES
Django, Spring Boot | Hibernate, MongoDb, Android, Docker