Prajakta R. Karandikar

- pkarandikar@ufl.edu (+1 (352) 328 0102)
- www.linkedin.com/in/prajakta-rkarandikar
- https://github.com/pkarandikar
- www.prajaktakarandikar.com

Graduate Student pursuing MS in Computer Science at University of Florida. Strong project-work and course-work background in **Software Development and Web Development**. **Actively seeking a Full Time position.**

EDUCATIONAL BACKGROUND:

Masters of Science, Computer Science   (GPA 3.8/4)   Aug 2016 – May 2018
University of Florida (Gainesville - FL)
Bachelors of Technology, Computer Science and Engineering   (GPA 8.5/10)   Aug 2012 – May 2016
Indus University (Ahmedabad - India)

EMPLOYMENT

- **Software Development Intern, MammaCare Organisation**   May'17-Present
  Developing an analytics reporting dashboard to query data from DynamoDB based on filters, generate statistics, display graphs for MammaCare's training programs for various Universities across USA.
- **DrugNeed.com(DF Pharmacy), Intern**   Jan 2014 – Jan 2015
  Managed and maintained mySQL database for DF Pharmacy (drugneed.com) on a part time basis for about a year.

PROJECTS:

- **Doctor's Diary windows desktop application (Java Swing, mySQL)**   Jan'14 – July'14
   Desktop application for medicos to store and maintain patient
   records and the daily pay of the doctor with DB connectivity.
- **Computer Engineering Student Association-CESA website (JSP, JavaScript, HTML, mySQL)**   Jul'14- Dec'14
  Website for Indus University's Computer Engineering Student Association (CESA) using JavaServerPages and JavaScript-HTML clientside with mySQL database connectivity.
- **Online poll application 'PollUp' (PHP, HTML, CSS, JQuery, Apache Tomcat Server)**   Jan'15- June'15
  Online poll application 'PollUp' using PHP server-side, HTML, CSS for styling and JQuery for event handling and flow control. Used Apache Tomcat server for connectivity.
- **MacGray Solutions WebApp, android application (JQuery, HTML and Android Studio)**   Jan'16- June'16
  Worked for MacGray Solutions to develop a webapp and an android application using JQuery, HTML and Android Studio respectively.
- **Fibonacci Heap Implementation** Advanced data structure without using library functions **(Java)**
- **Compiler for a new language with given grammar(Java)**
- **Finger Print Minutiae enhancement and recognition system (Java)**
- **Peer2Peer File Share** peer to peer file sharing application using Java similar to Bit Torrent. Implemented functionalities like peer discovery at regular intervals, choking and unchoking of peers according to downloading rate, interested and not interested, parallel download of file pieces from multiple peers.
- **Have also worked with C, C++, Python on various smaller projects.**

PROGRAMMING SKILLS:

Languages: C, C++, Swift **Advanced:** Java, C#, Python, HTML, JSP, CSS, , Materialize CSS, JavaScript JQuery, SQL, PHP
Databases: MySQL, Oracle, DynamoDB   **Frameworks:** .NET
Others: User Experience Design, Network Protocols & AWS, Google Charts

PUBLICATION

Generic Key Generation Algorithm Using Weighted Graphs: IJRITCC October 15 Volume 3 Issue 10. Paper :52. (http://www.ijritcc.org/browse/volume-3-issues/october-15-volume-3-issue-10/47)