

# Prajakta R. Karandikar

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- <https://pkarandikar.github.io/>

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 an internship position for Fall 2017.

## 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)

## 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

## RELEVANT COURSES:

Analysis of Algorithms

Objective Oriented Programming

Advanced Java

Computer Networks

Operating Systems

Cryptography and Networks Security

Advanced Data Structures

Programming Language Principles

Database Management Systems

## 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)**
- **Software Specifications Project Requirements Analysis and Documentation (IEEE format)**
- **Have also worked with C, C++, Python on various smaller projects.**

## 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.

## 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>)