Nayana Kamath J.

CONTACT INFORMATION

Pleasanton, Ca-94588, USA
Mob: +1 925-858-0011
nayana.2301@gmail.com

EDUCATION

San Francisco State University, San Francisco, California, USA

Masters, Computer Science, Dec 2016 (Expected)

- GPA 3.5

Viswajyothi College of Engineering & Technology, Muvattupuzha, Kerala, India

B.Tech., Information Technology, May 2012

- First class with Distinction, Aggregate 78.41%

EXPERIENCE

Graduate projects, SFSU

Dec 2015

- Developed TableMark, a PHP based website to make restaurant reservations.
- Familiarized with major software engineering processes.
- Used agile methodology and user-centered design for development.
- The website is hosted on Amazon cloud, **TableMark,** Software Engineering group project, Fall 2015.

May 2015

- Developed an android app as part of the Software Development course, that shows the available parking locations in San Francisco and street cleaning data at a particular location using Google maps and SFPark API.
- Used SQLiteDatabase to handle the street cleaning data.
- Familiarized with agile methodology which was used throughout the course of this project.

May 2015

- Developed a medical imaging system using software applications like ITK, Cmake and image processing tools like ImageJ and ITK-Snap.
- The system was designed to segment lungs and visualize it in 3D, from a set of 2D CT scan images.

Infosys, Mysore, India

Systems Engineer **Feb 2013 to Sept 2013**

- Worked on a banking software project using .NET framework.
- Added new features in the existing system to improve its functionality and make it more user friendly.

Undergraduate projects, VJCET

March 2012

- Worked on a project that secured users from accessing illegal contents online using a machine learning model.

- The product was designed to store user details on the Java RMI server and grant access only to authorized users. The application captured user behavior continuously to monitor if illegal contents are accessed.
- Used the machine learning model and naive similarity finder algorithm, to check if the captured screenshots were illegal.

Jan 2011

- Developed an application for a construction company to keep track of their daily transactions. A piracy guard software was also developed to check that the particular application runs only on systems that are authorized.
- Implemented by creating a match with the IP address of the system in which it is installed and the software that we developed, preventing the unauthorized installation and use of the application.

Technical skill set

Proficient or familiar with programming languages and technologies including,

- Languages: JAVA, .NET, C, HTML, PHP, CSS, MATLAB
- Concepts: Operating System, Networking, Data Base Management System