

# KHUSHALI SHAH

Los Angeles, CA

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## EDUCATION

**University of Southern California, MS in Computer Science**

**Fall 2017 - May 2019**

Relevant Courses: Analysis of Algorithms, Foundations of Artificial Intelligence, Web Technologies, NLP

**L.D. College of Engineering, Gujarat Technological University, BE in Computer Engineering**

**June 2012 - June 2016**

Relevant Courses: Data And File Structure, DBMS, OOP with Java, Software Engineering, Information Security

## TECHNICAL SKILLS

- ✓ *Programming/Scripting Languages:* Java, Swift, C, Python, Go, JavaScript, PHP
- ✓ *Web-Technologies:* Hibernate, Servlet, JSP, IRIS (Go), GORM (Go), HTML5, CSS3, jQuery, Bootstrap, NodeJS, AngularJS
- ✓ *Database || Tools:* SQL, NoSQL || Git, JIRA
- ✓ Android Development using JAVA and iOS Mobile Application Development using Swift & Objective C

## PROFESSIONAL WORK EXPERIENCE

**Jr. Web Developer, University of Southern California**

**May 2018 - Present**

- Working on LONI, LONI-CMS and INI Web-Applications using Go Language (IRIS Framework – MVC Model), Go Templates, MySQL, REST API, GORM (Object-Relational Mapping) and other web-technologies
- Developed Grants and Publications data-fetcher API (a Cron Job) from NIH, NSF, PubMed/PMC database
- Reduced 88% execution time in LONI-CMS Data Fetcher API by optimizing it using Go Concurrency Model

**Software Engineering Intern, Delpod LLC**

**May 2018 – August 2018**

- Participated in designing and development of Replay Listings iOS Application using Agile Development Practices
- Worked on draft storage, failure handling for video uploads, charts using Firebase, IGListKit, AVFoundation

**Software Engineer, Iolite Softwares Private Limited**

**June 2016 – May 2017**

- Developed Native Android, iOS Applications and backend services using PHP and MySQL Database
- Technologies used: Google Cloud Messaging (GCM), Google Map APIs, Apple Maps, SQLite Apple Push Notifications, Blackberry Push Notifications, Image Compression, Barcode and QR Code Scanner
- Contributed in building application logic, creating and implementing user stories
- Led a team of 5-6 people and managed Software Development Life Cycle as a Project Head
- Increased company's production by 20% through providing technical training of App Development to 4-5 employees
- Maintained and fostered professional relationships with clients by conducting meetings for project development

**Software Engineering Intern, Iolite Softwares Private Limited**

**July 2015 – May 2016**

- Developed Android Applications: Iolite School ERP Student-End, Iolite School ERP Teacher End, Iolite IPMS
- Reduced 30% space complexity by providing optimized flow structure and memory allocation strategy for Iolite School ERP Student-End Application in implementing Multi-User-Login functionality

## PROJECTS

- **Travel & Entertainment Portal:**  
A Responsive Web and Android App developed using AngularJS, NodeJS & APIs like Google Maps, Google Places, Yelp & Twitter.
- **CarmaCam:**  
Worked on Google Maps, ESRI Maps, improved UI/UX, maintained Version Control and Integrated Code
- **USPTO Form Filler Chrome Extension:**  
Developed chrome extension for automatic online form fill up using HTML, CSS, JavaScript and Chrome APIs.
- **Outlook Mail Grabber:**  
Developed Outlook Add-in in C# to smartly extract data from emails and push it to a centralized web-server.
- **PDF to Excel Converter:**  
Designed algorithms to extract specific data from 10 types of PDF files and generate data in XLS Files.  
Technologies used: File I/O, Apache PDFBox, Apache POI, Apache Commons, Java Swing
- **Campus Talk:**  
Developed and designed a Web and Android Application for students to access college campus virtually.  
Implemented technologies: Java Servlets, JSP, Hibernate, MySQL, HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, Web Services