

YOGESH KOHLI

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Actively seeking Summer Internship as a Software Engineer

Academics:

Master of Science in Computer Science at San Diego State University, CA (GPA: 4.0/4.0) *Aug 2017 – (expected) Dec 2018*
Bachelor of Technology in Computer Science at M.S.I.T, GGSIPU India (GPA: 3.66/4) *2011 - 2015*

Technical Skills:

Languages : Swift, Objective-C, JavaScript, Typescript, C++, Python, C, Java, Perl
Web : REST API, SOAP, PHP, AJAX, JSP, XML, HTML5, CSS
Frameworks : Xcode, Webstorm, Android Studio, Angular2, Angular JS, Eclipse
Database : MySQL, PostgreSQL, MongoDB
OS : OS X, Windows, Linux

Libraries : JQuery
Testing : JUnit
Project Management : Git, Agile, SDLC, Jira
Cloud : AWS, Heroku

Work Experience:

Graduate Student Research Assistant at San Diego State University, San Diego *Oct 2017- Present*

- Developing a 3D visualization of a human brain that will allow Doctors to see the brain in unprecedented detail.

Projects:

3D Brain Project *Oct 2017- Present*

Technology Stack: Angular 2, WebGL REST API, HTML, CSS, Typescript, Webstorm, PHP, Git

- Participated in design and analysis for Brain research project. Implemented front-end, back-end and web services. Independently designed database schema for the project.

Senior Software Engineer (Mobile Applications) at Schoofi Software Solutions Pvt. Ltd. *Jun 2015- Aug 2017*

- Created mobile apps with focus on learning & education, designed and managed database schema, created wireframes, performed unit test code for robustness and managing with their updates.

Projects:

Schoofi Learn *Oct 2016- Feb 2017*

Technology Stack: Swift 3.0, MySQL, PHP, Xcode, Git, SketchApp

- Smartphone app for students to play quiz, mock test and their result analysis with focus on learning.
- Developed Mobile app, Integrated Social Login API's, Used Firebase Analytics, Crashlytics, Digits By Fabric for authentication.

Schoofi *Jun 2015- Aug 2017*

Technology Stack: Objective-C, Swift 2.3-3.0, Xcode, PHP, Git, XML, Axure RP

- ERP Solution enabling Schools to connect with Parents in real time over Internet Cloud.
- Created an app including UI design, Widgets, Firebase, Google places & Map API, iCloud, Local & Push Notifications for live updates.
- Worked extensively on implementing cron jobs for updating database.

Freelancing Project:

Hoopty *Oct 2013- May 2014*

Technology Stack: Objective-C, MapBox, Xcode, PHP, JSON, Swift, SketchApp, Jira

- Developed iOS app enabling users to get their vehicle serviced – Anytime, Everywhere.
- Integrated MapBox API, License Plate API for vehicle data, Email / Phone authentication system.

Academic Projects:

Thesis : Smartphone app for visualization and analysis of the crop yield data *Oct 2017- Present*

Technology Stack: Swift 4.0, Python, PostgreSQL, PHP, Eclipse, Xcode, PHPStorm, Axure RP, SDLC

- Developing an app for Nasa's MODIS agricultural NDVI data of last 15 years
- Wrote python script to download, extract NDVI Data without unzipping file and store it in PostgreSQL.
- Creating a 3D Earth map in app for visualization of agricultural data using WhirlyGlobe, Shape Files, and Geo Fencing.

Ecommerce Website – Chocolate Store *Nov 2017- Dec 2017*

Technology Stack: HTML, CSS, JavaScript, Perl, MySQL, JQuery, AJAX

- Developed an online store enabling users to buy chocolate of their choice.
- Wrote Perl script which enabled admin to see sales, stock analysis with reports generation.
- Used Cookies to store cart on client as well as server side, JQuery widgets like Dialog-modal for better GUI.