BASIR NAVAB

325W Adams Blvd. Apt 3144 Los Angeles, CA 90007 - (818) 934-3998,
navab@usc.edu, my website: **BasirNavab.com**

EDUCATION

University of Southern California, Los Angeles, CA

Viterbi School of Engineering

    Master of Computer Science - General - (GPA: 3.22/4)   Expected Graduation May 2018

International Academy

    Pre-Master (English courses, communication skills - (GPA: 4/4, Top Student +5%)   Jun 2016

Azad University, Tehran, Iran

Bachelor of Engineering, Computer Science, Software Engineering - (GPA: 3.8/4.0, Top Student +10%)   Jun 2015

TECHNICAL SKILLS (professional):

Programming Languages:	JavaScript, HTML, CSS, C/C++/C#, SQL, PHP, Java, Swift
Frame works and IDEs:	AngularJS, React.js, JQuery, Node.js, ExpressJS, Bootstrap, Laravel, ASP.NET, Spring MVC, Xcode, Android Studio, Unity, Kudan, Vuforia
Databases:	MongoDB**,** MySQL, Oracle Database, Postgres + PostGIS, phpMyAdmin
Cloud Services:	AWS (Lambda), Azure, Google Cloud
Applications:	Yeoman, npm, Highchart, GitHub, Google Analytics, Facebook Analytics, Bitbucket, Trello, Jira, Microsoft project, Slack, Adobe Photoshop (UI), MS Visual Studio, Rational Rose, MS Office, Matlab (familiar)
Operating Systems:	Mac, Windows, Linux, Fedora.

WORK EXPERIENCE

Software Engineering Summer Intern

Realization of Robotic Systems Lab (USC), Los Angeles, CA   June 2017 – Dec 2017

- Designed a web application for the USC lab which let lab manager to manage the lab website content dynamically and lab members to manage their profile and adding new content such as their new projects and their papers and so on. (You can see the web application here: **http://cam.usc.edu**)
- Used MEAN stack (MongoDB, ExpressJS, AngularJS and Node.js) for developing the lab web application as well as using Yeoman for generating and scaffolding, bower to manage dependencies, CSS, Bootstrap, JQuery and HTML.

University of Southern California, Los Angeles, CA

Front-End Developer on web application team, Project manager And Life cycle planner   Sep 2016 – May 2017

- Created the first prototype of Farmworker safety web application (Calor), which notifies farmworkers to take a break when the temperature goes up by texting them. They either can sign up via text or the web application. Calor can decrease the rate of farmworkers death by **40%**. (You can see the application here: **https://calorapp.org**)
- Developed this web app for both mobile and desktop versions. My team and I used AngularJs, Bootstrap, CSS, HTML for the front End as well as using node.js, npm package, SQL server for the back-end and using AWS services

Front-End, Back-End Developer in Cloud Computing Team   Sep 2014 – Aug 2015

Amir Kabir University Cloud Center, Tehran, Iran

- Created different secure online payment modules based on the cloud service for three main Iranian banks (Saman, Melat and Pasargad bank). Used ProActive, ASP.net, C#/C++, MySQL.
- Developed various modules on the cloud that compute customer's text and call services for a mobile operator company named IranCell. Used ProActive, ASP.net, C#/C++, MySQL.

ACADEMIC PROJECT EXPERIENCE

Address Management (Side Project)   Aug 2017 – **Present**

- Developing an amazing idea with my team as which let people to change their mailing address once in the website and the website is changing their mailing address anywhere such as Banks, DMV, Amazon and etc. This solution saves new movers time by **50%** and make moving much easier for them than it used to be.
- We are using MEAN stack (MongoDB, ExpressJS, AngularJS and Node.js) as well as using CSS, Bootstrap, JQuery, HTML, Yeoman and AWS services for creating the first web application prototype.

University of Southern California, Los Angeles, CA   Aug 2017 – Dec 2017

Stuck News Web and Mobile application

- Created a responsive stuck news web and Android Application. Users can search for the company symbol and the application gets the JSON data from Alpha API and show them with HighCharts graphics to users. Plus, Users can share a specific chart in their Facebook and save stuck information in their browser Local Storage to reach out them any time. (You can see the web and mobile application here: **bit.ly/Stoch_Web_App** + **bit.ly/Stock_Android_APP**)
- Used HTML5, CSS, Bootstrap4, AngularJs, Node.js, npm, AWS (for hosting back end and Front end) for web application as well as used Java, Android Studio, AWS for the Android app Placed back end on AWS.

Awards

- 1ⁿᵈ place at Kharazmi programing competition, a competition between   2009 talented students in Iran, to solve different Algorisms and present efficient ideas to solved them.