

Ravi Chimmalgi

Baton Rouge, LA
(225) 614-8427
ravi.chimmalgi@gmail.com

RaviChimmalgi.github.io
github.com/RaviChimmalgi
linkedin.com/in/RaviChimmalgi

Education

Udacity – <i>Senior Web Developer Nanodegree</i>	In progress
Louisiana State University, Baton Rouge – Engineering Science, M.S.	August 2015
Louisiana State University, Baton Rouge – Computer Science, B.S.	August 2011

Technical Skills

[***proficient | **medium proficiency | *prior experience]

Languages: Java ***, C# ***, SQL ***, HTML5 ***, CSS3 ***, JavaScript **, VB.NET **, C++ *, Python *
Frameworks/Libraries/Tools: ASP.NET, jQuery, Bootstrap, Gulp
Other: Git/GitHub, Fireworks, Atom, Visual Studio, NetBeans, DNN, Firebase, ArcGIS

Project Experience

LetzMeet – http://ravichimmalgi.github.io/LetzMeet/index.html	April 2016
<ul style="list-style-type: none">Built a responsive web application using Bootstrap and Firebase, and hosted on GitHub Pages.Users can login and create & view meet-up events.<i>Technologies used:</i> HTML, CSS, JavaScript, Bootstrap, Firebase	
FireWatch America – http://firewatchamerica.com	December 2015
<ul style="list-style-type: none">Built a responsive website for FireWatch America LLC using Bootstrap and DNN.Researched and created website content & branding.<i>Technologies used:</i> HTML, CSS, JavaScript, Bootstrap, DNN, VB.NET	
Automated Conversion of Text Instructions to Human Motion Animation –	August 2015
<ul style="list-style-type: none">Created a graph with 213 pose nodes and 355 animation links from 100 workout instructions.Built a web-app for user evaluation of the animation sequence generation algorithm.<i>Technologies used:</i> C#.NET, SQL Server, HTML, JavaScript, Unity, Stanford Parser, NLP	
MazeRunner – https://github.com/RaviChimmalgi/Maze-Solver	December 2013
<ul style="list-style-type: none">Implemented and compared a reinforcement learning algorithm, Q-Learning, against other algorithms like A* search, DFS, random DFS etc. for an efficient autonomous maze solver<i>Technologies used:</i> Java	
Inventory Integration – https://github.com/RaviChimmalgi/fishbowl-shopify	December 2012
<ul style="list-style-type: none">Built a prototype system using VB.NET to sync Shopify's cloud database and Fishbowl database.<i>Technologies used:</i> VB.NET, Shopify and Fishbowl APIs	
WCF SOAP & REST – https://github.com/RaviChimmalgi/WCF-SOAP	December 2012
<ul style="list-style-type: none">Created SOAP & REST web-services to perform transactions on a SQL database.Created Windows, web, Android and Windows Phone 7 applications invoking the web-service.<i>Technologies used:</i> VB.NET, SQL, WCF, Java, ADO.NET	

Work Experience

Freelance – <i>Web Developer</i>	Baton Rouge, LA October 2015 – January 2016
<ul style="list-style-type: none">Built a professional responsive website for a startup company with a goal of attracting clients and investors.	
Louisiana State University – <i>Graduate Assistant</i>	Baton Rouge, LA January 2013 – August 2015
<ul style="list-style-type: none">Periodically maintained and updated database, .NET web-app and website for the LSYOU Program.Analyzed data of more than 200 program participants and generated weekly & monthly performance reports.Submitted detailed data reports of 2076 students with 23 columns to funding agencies annually.	
Technology Engineers Inc. – <i>Research Intern</i>	Baton Rouge, LA September 2012 – December 2012
<ul style="list-style-type: none">Created 6 applications and 2 web-services to experiment with cross-platform mobile development using Service Oriented Architecture.Successfully submitted a recommendation report for reusing old .NET code across mobile platforms which can save coding hours.	