VISHAL CHILKA

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Education

Master of Science in **Computer Science**	Jan 2017 - Dec 2018
Northwest Missouri St University [Maryville, MO, USA]	3.68/4.0
Master of Science in **Computer Science**	Jan 2016 - Dec 2016
Arizona State University [Tempe, AZ, USA]	3.1/4.0
Bachelor of Science in **Computer Science**	Aug 2009 - May 2013
VJTI [Mumbai, MH, USA]	3.46/4.0

Technical Skills

Languages: JavaScript, CSS/Sass, Java, C#, SQL, HTML, C/C++, MATLAB, Mathematica

Frameworks/Libraries: Node, jQuery, Express, React, Angular, Bootstrap, .NET

Tools: Bash, Git, Heroku, Photoshop, Illustrator, Postman, LaTeX

Projects

IoT Mailbox **[Particle Photon, C++, Particle IDE, NodeJS]** — Dec 2018
- Created a mailbox that would use Photon and IFTTT services to notify on your phone and email when a mail has arrived in the mailbox and clicks a picture of the mail when you send a command from your phone.

SprintMath Android App **[Java, Android Studio]** — Apr 2018
- Worked in a team to develop an adaptive android game to help kids learn the basic operations in mathematics that features 10 views, intents, Lists-views, Fragments and a customized action bar. Maintained the user data using Shared Preferences.

Water Proofing Primers Web Application **[NodeJS, Express, Mongoose]** — May 2016
- Developed the front-end for a web application that helps the client to calculate, store and edit estimates for water proofing the roofs of his customers.

Travel Assistant Web Services **[C#, XML]** — May 2016
- Implemented SOAP/WSDL and RESTful web services that gives location-based weather report, nearest restaurants and stores.
- Used open source API to retrieve information about weather, restaurants, stores, etc.

Batman v Superman Game **[Java, Eclipse IDE]** — Mar 2016
- Developed a strategy-based fighting game application using java applets. The app features a single window multiplayer game with one or multiple rounds of tournament.
- Statistics of each character is maintained in a separate file for each match they play and can be viewed on the statistics tab on the same window.

Experience

Web Developer — Jan 2018 - Dec 2018
Northwest Missouri St University [Maryville, MO, USA]
- Redesigning a website for Missouri Association of Faculty Senates (www.MAFS.org) that will serve as a platform of communication between universities in Missouri, Missouri Department of Higher Education (MDHE) and Coordinating Board for Higher Education (CBHE).
- Tools used: NodeJS, Express, passport.js, Bootstrap, MySQL

Graduate Assistant — Jan 2018 – Dec 2018
Northwest Missouri St University [Maryville, MO, USA]
- Assist the professor in creating assignments, quizzes and exams, supervise lab sessions, conduct help sessions and grade tests, exams and programs for the courses Introduction to Java and Mobile Computing [Android].

Leadership

President — Aug 2018 – Dec 2018
International Student Organization [Maryville, MO, USA]
- Facilitated diversity & inclusion on campus for about 500 international students.
- Promoted various cultures and celebrated their festivals on campus to spread awareness of all culture.