

## EDUCATION

<b>Cincinnati, OH</b>	<b>University of Cincinnati</b>	<b>Aug 2013 – Apr 2016</b>
<ul style="list-style-type: none"><li>Master of Science, Computer Science, April 2016. GPA: 3.95</li><li>Graduate Coursework: Advance Algorithms; Intelligent Data Analysis; Data Warehouse &amp; Mining; Database Management Theory; User Interface; Operating Systems.</li></ul>		
<b>Hyderabad, AP</b>	<b>GITAM University</b>	<b>Jul 2009 – Apr 2013</b>
<ul style="list-style-type: none"><li>Bachelor of Science, Computer Science, April 2013. GPA: 3.8</li><li>Undergraduate Coursework: Formal Language Automata Theory; Databases; Data Structures; Programming Languages; Software Engineering; Engineering Entrepreneurship.</li></ul>		

## EMPLOYMENT

<b>Full-Stack Software Developer</b>	<b>The MathWorks</b>	<b>Apr 2016 – Present</b>
<ul style="list-style-type: none"><li>Developed a 5-star rated application that saves an average of 40 min in migrating a GUIDE app to a newer generation, feature rich, App Designer app.</li><li>Implemented a JavaScript based Most Recently Used(MRU) list for recently opened files in App Designer.</li><li>Designed, developed and integrated multiple customer requested app building widgets for use in MATLAB UI's.</li><li>Leveraged requirement and functional gathering processes to effectively design and develop an interactive app creation tutorial using HTML5, CSS3, JavaScript and Dojo/Dijit.</li><li>Using Dojo and dgrid, developed a Component Browser that fluidly renders a hierarchical, tree-like structure of all components in an App Designer app.</li><li>Developed RESTful web-services using JAX-RS &amp; Java to accommodate leasing of development machines.</li><li>Developed in-house tracking tools to analyze customer trends, areas of concerns, and gather DDUX data.</li><li>Designed and developed a single-click deployable web application to effectively track and conduct interviews.</li></ul>		
<b>Information Technology Intern</b>	<b>Anthem INC</b>	<b>Dec 2014 – Mar 2015</b>
<ul style="list-style-type: none"><li>Developed a Java based web-app using MVC architecture that helps manage cache on Data Power boxes and saves up to 4 min per person, in a 30-member team, every monthly release cycle.</li><li>Configured web service proxies, cryptographic certificates and WSDL's on Data Power boxes.</li></ul>		

## TECHNICAL PROJECTS

<b>Natick, MA</b>	<b>Pattern based job-tracking</b>	<b>Mar 2018 – Present</b>
<ul style="list-style-type: none"><li>Designed and developed a RESTful MVC web-application using Java, Hibernate, MySQL and Glassfish to keep track of job application data.</li><li>Uses interactive charts to display interesting correlations and establish patterns between types of applications, time of applying, mode of applying, and type of role.</li></ul>		
<b>Cincinnati, OH</b>	<b>Multi-domain clusters in Interrelated Databases</b>	<b>Mar 2015 – Apr 2016</b>
<ul style="list-style-type: none"><li>Developed a multi-domain clustering algorithm using the A-Star approach to find interesting tri-clusters and establish patterns among inter-related databases.</li><li>Utilized location data and audio features from two audio databases to determine similar audio tracks from various geographical locations.</li></ul>		
<b>Cincinnati, OH</b>	<b>University of Cincinnati Global Relations Portal</b>	<b>Mar 2014 – Mar 2015</b>
<ul style="list-style-type: none"><li>Developed and maintained the College of Engineering &amp; Applied Sciences' Global Relations website using Adobe CQ5, HTML5, CSS3.</li><li>Conducted user-acceptance testing, stress testing, and checked for cross-site scripting attacks.</li></ul>		

## LANGUAGES, TOOLS & TECHNOLOGIES

- JavaScript; Dojo Toolkit; jQuery; CSS3; HTML5; MATLAB; Java; JSP; MySQL; RESTful; Hibernate; Glassfish; Tomcat; Perforce; JIRA; C; C++; Bootstrap; QUnit; FuncUnit