

Harish Vangavolu

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U.S. Permanent Resident

Houston, TX

OBJECTIVE	Ambitious Angular developer and internationally published HCI researcher with professional experience looking to bring advanced design and efficiency to data driven web platforms.	
EDUCATION	Texas A&M University, College Station, TX	
May 2016	Major: Bachelor of Engineering in Computer Science	Minor: Business
PUBLICATION	Frontier: A Directed Graph System for Web Navigation, Rome, Italy-Team Lead	
Jan. '15-Sept '16	<ul style="list-style-type: none">Published research in ACM Digital Library on a novel method for storing and accessing web history via Chrome API, d3.js, Materialize, and HTML5/CSS3 best practicesPresented work in CHIItaly 2015 International HCI Conference	
EXPERIENCE	Service Corp. International, Houston, TX	
Sept. '16-Present	<i>Developer</i> <ul style="list-style-type: none">Applied Angular, HTML5/CSS3, and ASP.NET Web API to partake in building modern floral services app cemeteryflowers.com from the ground upImplemented screens for customers to search and order flowers for loved ones in cemetery locations across the U.S. via Angular, Google Maps and Google Places APIsBuilt portal for customer reps to manage floral placement order lifecycleOptimized performance and scaling of cemeteryflowers.com for all devices, including mobile	
May '13-May '16	Texas A&M University Petroleum Department, College Station, TX	
	<i>Student Worker, IT</i> <ul style="list-style-type: none">Automated profile creation and scanned item archival using Win32 API in C#, reducing task time by 75%Developed linear system solvers in FORTRAN for MATLAB based reservoir simulators for 60% better performanceOverhauled Reservoir Engineering class website using AngularJS and scalable HTML5/CSS3	
June '14-Sept. '14	Mercedes-Benz Financial Services, Farmington Hills, MI	
	<i>Summer Intern, IT Remarketing</i> <ul style="list-style-type: none">Devised a Java based process for vendor applications to generically define flat file input and store data in MySQL Database for portfolio managementCollaborated with management to express 25+ production quality CRON jobs as diagrams in Microsoft Visio for easier access to documentationDesigned web portal via HTML5/CSS3, jQuery and Struts MVC best practices for employees to easily access vendor sales data from 100+ databases	
ACTIVITIES	Child Rights and You-Website Manager	
Sept. '13-May '16	<ul style="list-style-type: none">Organized charity events and social bulletins on club website via Drupal and HTML5/CSS3Volunteered in student-run charity events and helped raise more than \$4000 for children in need over three-year span	
Sept. '12-May '16	Texas A&M Computing Society-Active member and presenter	
	<ul style="list-style-type: none">Presented basic tutorials on GitHub source control and front end HTML5/CSS3 frameworks	
HONORS	Student Research Week 2015 Computer Science Div. 2 nd Place TAMUHack 2015 Fastest Bootstrap Developer 1 st Place	
SKILLS & OTHER	Languages: Expert in HTML5/CSS3/SCSS/LESS, JavaScript, TypeScript, Java, C/C++, C#; Proficient in SQL, Bash, MATLAB; Prior experience in FORTRAN, Python, Haskell APIs/Tools: Angular, AngularJS, ASP.NET, Node.js, Webpack, RxJS, jQuery, UnderScore, Lodash, d3.js, Chrome API, Google Maps, Google Places, Bootstrap, Team Foundation Server, GitHub, Git Environments: WebStorm, Atom, Visual Studio, Eclipse Speech: Fluent in English; conversational ability in Telugu, Spanish *Geographically flexible	