

KASHYAP BHANSALI

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EDUCATION

M.S. in Computer Science , Arizona State University. GPA 3.44	(Expected) May 2017
B.E. in Computer Engineering , University of Mumbai, India. GPA 3.5	May 2015

EXPERIENCE

VMware, Inc., Intern – MBU vCOPS Dev.	Summer 2016
<ul style="list-style-type: none">· Worked in an Agile environment with the vRealize Operations™ on Troubleshooting app, a real-time alerting, performance monitory and capacitive planning tool.· Developed a <i>scalable</i>, high-quality <i>persona-driven</i> User Interface with great focus on <i>Usability</i> & User-Experience for quick troubleshooting and resolution for 1000s of VMware customers.· Implemented Unit and functional Testing as part of <i>Test-Driven Development</i>.· <i>Technologies: Angular 2, TypeScript, Webpack, ES6, Jasmine, Nightwatch.js, HTML, CSS, D3.js</i>	
GeoDa Center- Arizona State University, Web Developer.	Fall 2016
<ul style="list-style-type: none">· Worked on the <u>ChainBuilder</u> platform to provide users with the ability to combine complex data, graphical displays, and analysis tools.· <i>Technologies: JavaScript, PHP, HTML, CSS, Bootstrap, D3.js, ChainBuilder framework</i>	
Algonation, Software Developer Intern.	Summer 2014
<ul style="list-style-type: none">· Developed a Dashboard for presenting analytics leveraging <i>D3.js</i> visualizations. Created API endpoints to use with mobile application built using <i>PhoneGap</i> and <i>Ionic framework, Angular JS, HTML, CSS</i>	

TECHNICAL SKILLS

Technologies: Java, Python, JavaScript, HTML, CSS, AJAX, PHP, SQL, Apache Spark, C#

Frameworks/Libraries: Angular 2, D3.js, Bootstrap, Jasmine, Webpack, Chrome Dev Tools, NLTK, Lucene, Elasticsearch

ACADEMIC PROJECTS

Extending Apache Spark for Geo-Spatial operations.	Fall 2016
<ul style="list-style-type: none">· Extending Apache spark to perform Geo-Spatial operations based on GeoSpark, an extension with a set of Spatial Resilient Distributed Datasets that efficiently load, process & analyze large-scale spatial data across machines.· Implementing the functionalities like spatial join, spatial aggregation and spatial co-location to develop better performing spatial analysis programs. <i>Apache Spark, Hadoop, Scala, Java</i>	
Intelligent Visual Analytics – WebMD.com	Fall 2016
<ul style="list-style-type: none">· Performed <i>Text mining</i> to extract and identify Diseases, Symptoms, Geolocation, User and mapping relationships between them from WebMD (Medical Forum Q&A).· Developed <i>cross-linked visualizations</i> to present <i>interesting patterns</i> and <i>analytics</i> over a time-series from dataset. <i>Information Retrieval, NLP, JavaScript, SVG, D3.js</i>	
Adaptive Study Guide Genie.	Spring 2016
<ul style="list-style-type: none">· Developed an Adaptive Study Guide system, a <i>hybrid recommendation system</i> based on <i>Collaborative Filtering</i> & <i>Content-based recommendation</i> for its users to create notes and cheat-sheet based on peers' notes and Java docs from websites like Wikibooks, tutorialspoint.com. <i>Elasticsearch, PHP, MySQL, JavaScript, AJAX, Java</i>	
Java MiniBase.	Spring 2016
<ul style="list-style-type: none">· Implemented different page replacement policies like FIFO, LRU, LRU-K for buffer management & join algorithms· Developed a query planner and optimizer to improve performance of join operations. <i>Java, MiniBase</i>	
Compiler Design.	Fall 2015
<ul style="list-style-type: none">· Developed a fully functional compiler for a C-like language by implementing various phases like Lexical, Syntactical, Semantic Analysis, Intermediate code generation and execution. <i>C, C++</i>	

EXTRA-CURRICULAR PROJECTS

Twitter Biodata (Winning Hackathon Project).	June 2015
<ul style="list-style-type: none">· Developed a dashboard that provides a Bird's eye view of a Twitter Profile.· Implemented <i>Clustering</i> and <i>Classification</i> techniques to visualize the <i>Social Network Graph</i> to gain insight about the interests and <i>sentiment</i> of a user based on their Followers and Following profiles. <i>Python, JavaScript, D3.js, NLP, Text Mining</i>	

ACHIEVEMENTS

Winner, Germin8.com Hackathon, <i>Awarded 1st prize for Twitter Biodata project</i> (out of 7 projects).	Jun 2015
Runner up, Google Developers & zonestartups.com Hackathon for Bluetooth Chat App (out of 15 projects).	Dec 2014