

# AMEYA RAJE

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CONTACT INFO	Phone: (949) 501 5020 Email: <a href="mailto:rajea@uci.edu">rajea@uci.edu</a>	LinkedIn: <a href="http://www.linkedin.com/in/ameyacraje">www.linkedin.com/in/ameyacraje</a> Github: <a href="https://github.com/ameyaraje">https://github.com/ameyaraje</a>
SKILLS	<b>Programming skills:</b> Java, Python, C++ <b>Web Technologies:</b> HTML, CSS, JavaScript, NodeJS, AngularJS <b>Tools and Frameworks:</b> Hadoop MapReduce, HDFS, Jira	
EXPERIENCE	<b>Xumo LLC, Irvine, CA</b> , Software Engineer Intern Jul 2016 – Sep 2016 <ul style="list-style-type: none"><li>• Worked with the front-end team on project Capetown</li><li>• Developed the Live-Tile component for the app, integrated it with the Live-Lite feature</li><li>• Wrote a new library for VAST 2.0 Ad spec (ad streaming), replacing the existing one to boost the revenue</li><li>• Reduced the company's existing backlog bug count by 15%</li></ul>	
	<b>Renu Electronics, Pune, India</b> , Software Engineer Intern Jun 2014 – Jul 2014 <ul style="list-style-type: none"><li>• Programmed Bluetooth functionality to a digital stethoscope</li><li>• Working experience of Bluetooth profiles and stacks. Implemented them in BlueZ.</li><li>• Development in Linux and programmed the Linux kernel as well</li></ul>	
	<b>Forbes Marshall, Pune, India</b> , Engineer Intern Feb 2014 – Apr 2015 <ul style="list-style-type: none"><li>• Designed and prototyped an electronic Condensate Recovery Meter (hardware and firmware)</li><li>• Plotted trends to optimize operation of steam pumps</li></ul>	
PROJECTS	<b>Search Engine</b> (Python) Jan 2017 – Mar 2017 <ul style="list-style-type: none"><li>• Designed a complete search engine for UCI's ICS domain</li><li>• Components include web crawler (filters for traps), indexer, TF-IDF, page-ranker</li><li>• Evaluation done using NDCG scoring, index hosted in a file and interface deployed using Flask</li></ul>	
	<b>Sentiment Analysis</b> (Hadoop, Java, MongoDB) Jan 2017 – Mar 2017 <ul style="list-style-type: none"><li>• Performed sentiment analysis on Tweets to log positivity</li><li>• Used Twitter API to crawl Tweets (~1GB) for a certain topic and saving them on Mongo</li><li>• LMClassifier classifying Tweet sentiment, and final count produced using Hadoop MapReduce</li></ul>	
	<b>FabFlix eCommerce Website</b> (Java, MySQL, JavaScript) Apr 2016 – Jun 2016 <ul style="list-style-type: none"><li>• Full stack development with MySQL in Apache Tomcat container (on AWS) on backend and HTML, JavaScript, CSS, Servlets, JSP in the front end.</li><li>• Developed an Android app for the website (as another client)</li><li>• Implemented fuzzy searching and typeheads with auto completion</li></ul>	
AWARDS	<b>UC Irvine, Butterworth competition</b> Won 2 <sup>nd</sup> prize for the business plan and prototype of our app 'WeGroove'	
PUBLICATIONS	<i>"IoT and the Basket of Remotes"</i> in National Conference on Modelling, Optimization and Control, Pune India, February 2015	
EDUCATION	<b>University of California Irvine, CA</b> M.S. – Computer Engineering (GPA – 3.49) Sep 2015 – Mar 2017	
	<b>Vishwakarma Institute of Technology, Pune, India</b> B.Tech. – Electronics Engineering (GPA – 3.75) Honors in Embedded Systems Aug 2011 – Jun 2015	