

# ROHAN MANOJ THAKKAR

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<http://27rohan.github.io/Portfolio/> | <https://www.hackerrank.com/rohan27/>

## EDUCATION

<b>UNIVERSITY OF WASHINGTON</b> , Information School, Seattle, WA ( <i>Student ID: 1527713</i> )	<i>Anticipated: Jun 2017</i>
<ul style="list-style-type: none"><li>Master of Science in Information Management (<i>GPA - 3.71/4</i>)</li><li><b>Coursework:</b> Android Development, Information Architecture, Machine Learning, Data Scaling &amp; Applications</li></ul>	
<b>UNIVERSITY OF MUMBAI</b> , K J Somaiya College of Engineering, Mumbai, India	<i>Jun 2015</i>
<ul style="list-style-type: none"><li>Bachelor of Engineering in Computer Engineering with First Class Honors (<i>GPA - 3.78/4</i>)</li><li><b>Coursework:</b> Object Oriented Software Engineering, Data Structures &amp; Files, Web Engineering, Data Warehousing &amp; Mining, Data Management System, Distributed Systems, Computer Networks, Artificial Intelligence, Operating Systems</li></ul>	

## SKILLS

- Programming Languages:** Java, Python, HTML, CSS3, SQL, R, PHP, JavaScript, C++, XML, UML, D3.js
- Technologies:** Android Studio, Gradle, Spark, SQL Server, MySQL, XAMPP, AWS, Spring, Visio, Visual Studio, Unix

## WORK EXPERIENCE

<b>LARSEN &amp; TOUBRO TECHNOLOGY SERVICES LIMITED</b> , Navi Mumbai, India	<i>Jun 2014 - Aug 2014</i>
<i>Web development Intern - Full Time</i> <ul style="list-style-type: none"><li>Implemented the GUI using HTML, CSS3 and JavaScript (JS) with focus on user-friendliness and ease of navigation</li><li>Managed JS data caching and optimized the website by refactoring the JS code, deducting its size by almost 45%</li></ul>	
<b>RAJ INFORMATION SYSTEMS PRIVATE LIMITED</b> , Mumbai, India	<i>Aug 2013 - Nov 2013, Dec 2012 - Mar 2013</i>
<i>Software Development Intern - Part Time</i> <ul style="list-style-type: none"><li>Delivered an effective SQL querying for managing large databases at the client-side using SQL and TeamViewer 7</li><li>Formulated a cross-platform GUI code and migrated it to Sybase Power Builder v11.5 and tested it for consistency</li><li>Documented e-reports on Crystal Report v11.5 for invoices and duty-slips leading to overall 60% savings on paper</li></ul>	

## PROJECTS

<b>CHASE IT!</b> ( <a href="https://github.com/27rohan/Chase_it">https://github.com/27rohan/Chase_it</a> )	<i>Mar 2016 - Present</i>
<ul style="list-style-type: none"><li>Building an addictive Android game in Android Studio using Java on back-end and XML on front-end</li><li>Features - Multiplayer mode (Wi-Fi direct), touch screen and motion sensor recognition, local leaderboard</li></ul>	
<b>MACHINE LEARNING, WEB SCRAPING AND DATA VISUALIZATION</b> ( <a href="http://27rohan.github.io">http://27rohan.github.io</a> )	<i>Oct 2015 - Apr 2016</i>
<ul style="list-style-type: none"><li>Implemented techniques in machine learning and econometrics using iPython notebook environment on real-world data</li><li>Achieved web scraping on the course catalog data of IIT-Kharagpur using Beautiful Soup and pushed as SQL to AWS</li><li>Graphically simulated the five widely used sorting techniques in the AWT and Swing toolkits of Java</li></ul>	
<b>END-TO-END BUSINESS INTELLIGENCE SYSTEM</b> ( <a href="https://github.com/27rohan/DataMart">https://github.com/27rohan/DataMart</a> )	<i>Jan 2016 - Mar 2016</i>
<ul style="list-style-type: none"><li>Created customized ETL packages and built a data warehouse to analyze sales figures and increase profitability</li><li>Tools used: Microsoft Business Intelligence Suite (SQL Server, SSIS, SSAS), Visio, Visual Studio, Tableau</li></ul>	
<b>SPELL CHECKER USING JAVA</b> ( <a href="https://github.com/27rohan/Spell-Checker">https://github.com/27rohan/Spell-Checker</a> )	<i>12 Mar 2016</i>
<ul style="list-style-type: none"><li>A brute-force implementation of a spell checker on the Java SDK, inspired from the Peter Norvig's implementation</li></ul>	
<b>GETOUT!, TRAVELNOW</b> ( <a href="http://mxs2qh.axshare.com/#p=home">http://mxs2qh.axshare.com/#p=home</a> )	<i>Oct 2015 - Dec 2015</i>
<ul style="list-style-type: none"><li>Provided a user-centric design and content management of wireframes designed for web and mobile applications</li></ul>	
<b>COLORME - DUBHACKS SEATTLE</b> ( <a href="https://github.com/27rohan/ColorMe">https://github.com/27rohan/ColorMe</a> )	<i>17 - 18 Oct 2015</i>
<ul style="list-style-type: none"><li>Co-developed a native Android app that captures an image and displays the dominant color using Palette API and Git</li></ul>	
<b>PAGE INTEREST ESTIMATION USING WEB USAGE MINING</b> ( <a href="https://github.com/27rohan/SpiderMonkey">https://github.com/27rohan/SpiderMonkey</a> )	<i>Aug 2014 - May 2015</i>
<ul style="list-style-type: none"><li>Co-designed the GUI enabling users' actions to be recorded using jQuery events that make an AJAX call to PHP scripts</li><li>Expedited by almost 25% the web crawling process that extracts web pages by categories from the Internet</li></ul>	
<b>COMMUNITY SERVICE</b>	
<b>UNIVERSITY OF WASHINGTON DISABILITY RESOURCES FOR STUDENTS</b> , <i>Student Assistant</i> , Seattle	<i>Sep 2015 - Present</i>
<b>CITIZENS ASSOCIATION FOR CHILD RIGHTS</b> , <i>Computer Literacy Project Volunteer</i> , Mumbai	<i>Jul 2014 - Mar 2015</i>
<b>YUVAK PRATISHTHAN</b> , <i>HIV/AIDS Awareness Speaker</i> , Mumbai	<i>Jun 2013 - Jan 2014</i>