

ROHAN MANOJ THAKKAR

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

EDUCATION

UNIVERSITY OF WASHINGTON, Information School, Seattle, WA (*Student ID: 1527713*) *Anticipated: Jun 2017*

- Master of Science in Information Management (*GPA - 3.71/4*)
- **Coursework:** Android Development, Information Architecture, Machine Learning, Data Scaling & Applications

UNIVERSITY OF MUMBAI, K J Somaiya College of Engineering, Mumbai, India *Jun 2015*

- Bachelor of Engineering in Computer Engineering with First Class Honors (*GPA - 3.78/4*)
- **Coursework:** Object Oriented Software Engineering, Data Structures & Files, Web Engineering, Data Warehousing & Mining, Data Management System, Distributed Systems, Computer Networks, Artificial Intelligence, Operating Systems

SKILLS

- **Languages:** Java, Python, HTML, CSS3, SQL, R, XML, UML, PHP, JavaScript, C++, D3.js, JSON
- **Frameworks:** Android Studio, Spring MVC, .NET, Git, Wordpress, Google Web Analytics
- **Tools:** SQL Server, MySQL, AWS, Visio, Visual Studio, Gradle, Spark, XAMPP, Unix, MS Axure, Netbeans, Eclipse

WORK EXPERIENCE

CYANOGEN INC., Seattle, WA *Jun 2016 - Present*

Software Engineering Intern - Full Time

- Solely developing an online dashboard to identify patterns in results of automation tests run on Cyanogen devices
- Assisting the dev-automation team in resolving tickets issued while building the latest version (13.1) of the Cyanogen OS
- Technologies used: Python, JSON, Gerrit, AWS, LAVA server, Git, Errbit (Airbreak), D3.js, HTML, CSS3, Bootstrap

LARSEN & TOUBRO TECHNOLOGY SERVICES LIMITED, Navi Mumbai, India *Jun 2014 - Aug 2014*

Web development Intern - Full Time

- Implemented the GUI using HTML, CSS3 and JavaScript (JS) with focus on user-friendliness and ease of navigation
- Managed JS data caching and optimized the website by refactoring the JS code, deducting its size by almost 45%

RAJ INFORMATION SYSTEMS PRIVATE LIMITED, Mumbai, India *Aug 2013 - Nov 2013, Dec 2012 - Mar 2013*

Software Development Intern - Part Time

- Delivered an effective SQL querying for managing large databases at the client-side using SQL and TeamViewer 7
- Formulated a cross-platform GUI code and migrated it to Sybase Power Builder v11.5 and tested it for consistency
- Documented e-reports on Crystal Report v11.5 for invoices and duty-slips leading to overall 60% savings on paper

PROJECTS

CHASE IT! (https://github.com/27rohan/Chase_it) *Mar 2016 - Present*

- Building an addictive Android game in Android Studio using Java on back-end and XML on front-end
- Features - Multiplayer mode (Wi-Fi direct), touch screen and motion sensor recognition, local leaderboard

MACHINE LEARNING, WEB SCRAPING AND DATA VISUALIZATION (<http://27rohan.github.io>) *Oct 2015 - Apr 2016*

- Implemented techniques in machine learning and econometrics using iPython notebook environment on real-world data
- Achieved web scraping on the course catalog data of IIT-Kharagpur using Beautiful Soup and pushed as SQL to AWS
- Graphically simulated the five widely used sorting techniques in the AWT and Swing toolkits of Java

END-TO-END BUSINESS INTELLIGENCE SYSTEM (<https://github.com/27rohan/DataMart>) *Jan 2016 - Mar 2016*

- Created customized ETL packages and built a data warehouse to analyze sales figures and increase profitability
- Tools used: Microsoft Business Intelligence Suite (SQL Server, SSIS, SSAS), Visio, Visual Studio, Tableau

SPELL CHECKER USING JAVA (<https://github.com/27rohan/Spell-Checker>) *12 Mar 2016*

- A brute-force implementation of a spell checker on the Java SDK, inspired from the Peter Norvig's implementation

GETOUT!, TRAVELNOW (<http://mxs2qh.axshare.com/#p=home>) *Oct 2015 - Dec 2015*

- Provided a user-centric design and content management of wireframes designed for web and mobile applications

COLORME - DUBHACKS SEATTLE (<https://github.com/27rohan/ColorMe>) *17 - 18 Oct 2015*

- Co-developed a native Android app that captures an image and displays the dominant color using Palette API and Git

PAGE INTEREST ESTIMATION USING WEB USAGE MINING (<https://github.com/27rohan/SpiderMonkey>) *Aug 2014 - May 2015*

- Co-designed the GUI enabling users' actions to be recorded using jQuery events that make an AJAX call to PHP scripts
- Expedited by almost 25% the web crawling process that extracts web pages by categories from the Internet