ROHAN MANOJ THAKKAR

4055, 9th Ave NE, Apt. #103,   rohan27@uw.edu | (206)739-4797 | http://in.linkedin.com/in/rohanmthakkar
Seattle, WA – 98105   https://github.com/27rohan/ | https://www.hackerrank.com/rohan27/ (Top 0.5% in Data Structures)

EDUCATION

UNIVERSITY OF WASHINGTON, Information School, Seattle, WA   *Anticipated: Jun 2017*
- Master of Science in Information Management *(GPA - 3.71/4)*
- **Coursework:** Information Architecture, Machine Learning, Android Development, Data Scaling & Applications

UNIVERSITY OF MUMBAI, K J Somaiya College of Engineering, Mumbai, India   *Jun 2015*
- Bachelor of Engineering with First Class Honors in Computer Engineering *(GPA - 3.78/4)*
- **Coursework:** Object Oriented Software Engineering, Data Warehousing & Mining, Database Management System, Data Structures & Files, Distributed Systems, Computer Networks, Analysis of Algorithms and Design, Computer Vision

SKILLS

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

WORK EXPERIENCE

LARSEN & TOUBRO TECHNOLOGY SERVICES LIMITED, Navi Mumbai, India   *Jun 2014-Aug 2014*
Web development Intern - Full Time
- Managed data caching and optimized the website by deducting the JavaScript code to 70% of its size
- Implemented the GUI using HTML, CSS and JavaScript with focus on user-friendliness and ease of navigation

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

ESCAPE THE MONSTER   *Mar 2016-Present*
- Building an addictive Android game using Android Studio inspired from a posting on the PreApp Apps online board
- Features - Multiplayer mode (AdHoc WiFi/Bluetooth), touch screen and motion sensor recognition, online leaderboard

DATA VISUALIZATION, MACHINE LEARNING AND ECONOMETRICS (http://27rohan.github.io)   *Oct 2015-Apr 2016*
- Implemented techniques in machine learning and econometrics using iPython notebook environment on real-world data
- Performed exploratory and statistical analysis on datasets provided in 3 Kaggle competitions using R Studio
- Achieved web scraping on the course catalog data of IIT-Kharagpur using Beautiful Soup and pushed as SQL to AWS
- Integrated a sortable bar chart visualization demo in the D3.js library of JavaScript and hosted it on an AWS server
- 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*
- Analyzed sales figures to recommend means to increase profitability with a focus on reseller performance of a firm
- Created customized ETL packages and built a data warehouse with staging tables and dimensional star schema model
- Tools used: MS Business Intelligence Suite (SQL Server, SSIS, SSAS), Visio, Visual Studio, Tableau

SPELL CHECKER USING JAVA - PROTOHACK SEATTLE (https://github.com/27rohan/Spell-Checker)   *12 Mar 2016*
- Modified Peter Norvig's implementation of spell-checker to see a change of 4% in accuracy while losing on speed

GETOUT!, TRAVELNOW (http://mxs2qh.axshare.com/#p=home)   *Oct 2015-Dec 2015*
- Directed the information architecture 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

COMMUNITY SERVICE

UNIVERSITY OF WASHINGTON DISABILITY RESOURCES FOR STUDENTS, *Student Assistant,* Seattle   *Sep 2015-Present*
CITIZENS ASSOCIATION FOR CHILD RIGHTS, *Computer Literacy Project Volunteer,* Mumbai   *Jul 2014-Mar 2015*
YUVAK PRATISHTHAN, *HIV/AIDS Awareness Speaker,* Mumbai   *Jun 2013-Jan 2014*