

ROHAN MANOJ THAKKAR

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OBJECTIVE

Seeking a full-time position as a software engineer to help build scalable products

Available: Immediately

Website: 27rohan.github.io/Portfolio

Github: github.com/27rohan

LinkedIn: linkedin.com/in/rohanmthakkar

EDUCATION

UNIVERSITY OF WASHINGTON (UW), Information School, Seattle, WA

Anticipated: Jun 2017

Master of Science in Information Management (GPA - 3.6/4) with focus on -

1. Data Science & Analytics

2. Mobile App Development

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

Jun 2015

Bachelor of Engineering in Computer Engineering (*First Class Honors*)

SKILLS

- **Languages:** [Python, Java, SQL, R, Bash (UNIX), Swift 3, JavaScript], [D3.js, XML, HTML, CSS, PHP]
- **Tools:** [MongoDB, Titan, S3, Kafka, Firebase], [SQL Server, MySQL, Visio], [Tableau, Gradle, Jira, Git]
- **Frameworks and IDEs:** [AWS, Jupyter, Spark], [XCode, R Studio, Android Studio, Visual Studio, Netbeans]

RELEVANT EXPERIENCE

UW MEDICINE (PATHOLOGY DEPT.), Seattle, WA

Big Data Programmer: Jan 2017 - Present

- Mapping addresses to GPS + meshing and querying large health data from multiple sources + visualizing in D3.js

CYANOGEN INC., Seattle, WA

Software Engineering Intern (Data Cloud Services): Jun - Dec 2016

- Deployed the first prototype of app recommender and contributed to NewsCard ranking services such that they -
 - Integrate with existing data pipeline, perform Machine Learning (ML) and serve top results to Android app
- Solely programmed and pitched a full-stack software to be integrated with the automation server such that it -
 - Performs data scraping (server APIs), logs-parsing and computations for a MongoDB server - all in Python
 - Generates interactive web-dashboard with filters using D3.js and HTML (<http://52.35.89.43/errboard.html>)

LARSEN & TOUBRO TECHNOLOGY SERVICES, Navi Mumbai, India

Development Intern: Jun - Aug 2014

- Optimized the JavaScript code - improving its speed by almost 45% and redesigned the GUI for user-friendliness

RAJ INFORMATION SYSTEMS, Mumbai, India

Data Management Intern: Aug - Nov 2013, Dec 2012 - Mar 2013

- Delivered effective SQL querying to manage remote databases and analyzed sales figures to increase profit by 5%

RECENT PROJECTS

FREEFOOD - <https://github.com/27rohan/Free-Food>

3 - 13 Dec 2016

- Coded in Swift 3 the real-time JSON data flow (read and write) between the iOS app and Firebase server
- Using XCode and Storyboard (CocoaTouch framework), created ViewControllers for settings and posting event

LEARNING FROM TWITTER (DUBHACKS 2016) - https://github.com/27rohan/Twitter_Learn

15 - 16 Oct 2016

- Visual recommender system that for a valid Twitter user, suggests top 10 similar users and words to tweet about
- Technologies: Twitter API, Microsoft Cognitive API, Firebase, Python, D3.js, HTML, CSS, AWS

CHASE IT - https://github.com/27rohan/Chase_it

Apr - May 2016

- Built an addictive native Android game with 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

PET PROJECTS IN DATA SCIENCE - <http://27rohan.github.io>

Dec 2015 - May 2016

- Understanding impact of words in critics by reviewers on the ratings using supervised ML on Rotten Tomatoes data
- Achieved store-sales forecasting (*ranked in top 10%*) for 45 Walmart stores as part of a Kaggle competition
- Implemented top ML techniques in Python scikit-learn and R on 5 other problems with different prediction focus
- Performed web scraping using Beautiful Soup on the course catalog data of IIT in CSV & pushed as SQL to AWS

COLORME (DUBHACKS 2015) - <https://github.com/27rohan/ColorMe>

17 - 18 Oct 2015

- Co-developed a native Android app that allows users to capture an image and displays the dominant color

PAGE INTEREST ESTIMATION (CAPSTONE) - <https://github.com/27rohan/SpiderMonkey>

Aug 2014 - May 2015

- Expedited web-crawling by 25%, worked on the back-end SQL database and PHP scripts connecting it to front-end