Mingjun (Barry) Wang

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EDUCATION

University of Virginia   Aug. 2015
- Master of Science in Systems Engineering, GPA: 3.9; Research Interests: Predictive Model, Text Mining
- Thesis: Using Twitter for Next-Place Prediction to Improve Crime Predicting (Accepted by 2015 IEEE SSCI)

Shanghai Jiao Tong University (SJTU)   Jun. 2013
- Bachelor of Engineering in Automation, GPA: 84/100 (top 20%), Academic Excellence Scholarship of SJTU 2013
- Thesis: Structural Controllability of Complex Networked Systems

Georgia Institute of Technology (Part-time)   Sep. 2017 - Now
- Online Master of Science in Computer Science, Specialization in Machine Learning

Smartly - Business Degree Programs, MBA (Part-time)   Nov. 2017 – Sep. 2018

WORK EXPERIENCE

Expedia   Jan. 2019 – Now
Manager in Product Optimization and Web Analytics   *Chicago, Illinois*
Senior Business Analyst, Predictive Analytics in Product Analytics Team   *Chicago, Illinois*
Award: *My Hero in BEXG analytics (Aug 2019); Employee of the Month in BEX Product Analytics team (May 2019)*
- Conducted analysis for customer insights, business health and modeling initiatives for Lodging Shopping Product
- Design the A/B tests and Pre/Post analysis for Customer Experience, Onboarding Partners and Pricing
- Investigate and monitor business performance for Lodging, 3rd Party Inventory and Vacation Rental production
- Extract customer insights and presented in 3PI Summit in Mar 2019 and Product Analytics Summit in June 2019
- Create onboarding materials for Lodging Product Analytics team and the Analytics 101 session for wider team

comScore, Inc.   Sep. 2015 – Jan. 2019
Senior Data Analyst in Custom Analytic Solutions   *Chicago, Illinois*
Senior Data Analyst in Cross Functional Team   *Reston, Virginia*
Associate Data Analyst in Custom Solution Implementation Team – Reporting and Analytics   *Reston, Virginia*
- Led Custom Analytics Solutions for SMB Vertical and supported other vertical's feasibility requests
- Built scalable custom solutions with new data sources including video, ecommerce and social media newsfeed
- Created client facing dashboards with BI tools (Tableau, Qlik Sense) and visualized key business insights for clients
- Applied machine learning and time series analysis for anomaly detection to improve recurrence data quality
- Built MVP for extracting profile links in Facebook newsfeed and Ads in Search Engine Results page content
- Worked on taggings and reports related to online behavior using DAx (Acquired by Adobe Analytics)

Accenture (China) CO., LTD.   Jul. 2011 – Aug. 2011
Summer Intern at Sales Group Transformation Planning   *Beijing, China*
- Analyzed clients' management process and updated more than 50 flowcharts for decision process
- Compiled regulations in 6 branches of the company and management operational process of sales group

PUBLICATION
- Wang, Mingjun, and Matthew S. Gerber. "Using Twitter for Next-Place Prediction, with an Application to Crime Prediction." Computational Intelligence, 2015 IEEE Symposium Series on. IEEE, 2015.

RESEARCH EXPERIENCE

Predictive Technology laboratory at Department of Systems and Information Engineering   Oct. 2014 – Aug. 2015
Using Twitter for Next-Place Prediction to Improve Crime Predicting   *Charlottesville, Virginia*
- Incorporated textual contents and experimented different methods for extracting features for Next Place Prediction
- Analyzed the social relation from mentions and replies with '@' symbols connect to individual's movement pattern
- Built models and predicted the relation between people's movement pattern with certain criminal activities

ADDITIONAL INFORMATION

Technical Skills (ranked by proficiency): SQL (Presto, Hive, PostgreSQL, MySQL), Adobe Analytics (Omniture), Python, R, Qlik Sense, Tableau, Power BI, UNIX Shell Script, Hadoop, Java, VBA with Macro in Excel, C/C++
Kaggle Competition: Titanic 5%, Expedia 30%, What's Cooking 30%
Volunteer translators in Coursera: Healthcare Marketplace, Algorithms 1