Pengyin (Wendy) Shan

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SUMMARY

Four years of experience, specializing in data and technology innovative solutions for large organizations

EDUCATION

2018	**SCHULICH SCHOOL OF BUSINESS, YORK UNIVERSITY**	Toronto, ON, Canada
	Master of Business Administration Candidate 2020	
2009-2013	**COLLEGE OF ENGINEERING, THE OHIO STATE UNIVERSITY**	Columbus, OH, U.S.
	Bachelor of Science, Computer Science Engineering	

RELEVANT EXPERIENCES

On-going   *Self-Study & Project,* CAPITAL MARKET EXPERIMENT   Toronto, ON, Canada
- Predict and virtualize the impact of emotional news to capital market using RNN/LSTM and TensorFlow
- Navigate the best practice of leading, analyzing and managing artificial intelligence related projects

Nov 22th, 2018   *1st Place,* NET IMPACT CLUB - DESIGN THINKING CHALLENGE   Toronto, ON, Canada
- Exploited design thinking method to create the digital solution for Canada's education in a team of four

Nov 2nd, 2018   *Final Round*, THE THALES STUDENT INNOVATION - AI CHAMPIONSHIP   Montreal, QC, Canada
- Utilized power of the team of three to research natural language processing (NLP) algorithms quickly
- Implemented a python program to perform sentiment analysis using the dataset of 500,000+ items and predicted relations between the emotion of CEOs' tweets and stock price of their companies

Feb 2018 – July 2018   *Program Analyst*, LIBRARY APPLICATIONS, UNIVERSITY OF BRITISH COLUMBIA   Vancouver, BC, Canada
- Collaborated with a team of seven to upgrade digital repository system and reorganize 200,000+ digital objects, modernizing user experience of library
- Analyzed, prioritized and resolved digital incidents of the library for 500,000+ international users

2015-2017   *Web Developer*, COMMUNICATIONS & PUBLIC AFFAIRS, EMORY UNIVERSITY   Atlanta, GA, U.S.
- Collaborated with a team of six to create digital marketing strategy by analyzing pain points of clients
- Created customized digital marketing products for clients by deploying data-first and mobile-first design

2014-2015   *Application Developer/Designer*, DISTANCE LEARNING, FLORIDA STATE UNIVERSITY   Tallahassee, FL, U. S.
- Designed and created the Java-powered online exam appointment system for 500+ courses and 40,000+ students, reducing the average waiting time of student by 30+ minutes

June 2012 - Aug 2012   *International Quantity Assurance Internship*, HYLAND SOFTWARE INC.   Westlake, OH, U. S.
- Led and facilitated the VBA tutorial workshop to the international QA team of seven to teach the Macro-Enabled Excel Template, saving 30% of the team's average working time

Aug 2011 - Sep 2011   *Data Analyst Internship*, GLOBAL BUSINESS SERVICES, IBM CHINA   Beijing, China
- Optimized 155 Excel sheets for the most significant power holding corporation of China to reduce average preparation time of team by 20 minutes

Aug & Dec 2012   *Trip Leader,* BUCK-I-SERV VOLUNTEER TRIPS   U.S.
- Designed trip and led teams of seven to volunteer in Minnesota and Michigan to maintain nature parks

ADDITIONAL INFORMATION

- Technical Skills: VBA, Excel, Java, J2EE, Python, Machine Learning, Neural Network, Deep Learning, CNN, Data Mining, Tableau, SQL, D3.js, HTML5, CSS3, LESS, JavaScript, AngularJS, node.js, Agile, Product Management
- Oracle Certified Associate, Java SE 7 Programmer
- edX (BerkeleyX) Class Certification of Scalable Machine Learning and Introduction to Big Data with Apache Spark
- Attending MBA competitions in different fields such as digital strategy, AI, investment banking and marketing
- Giving public speeches in the Toastmasters International clubs since August 2017