

# Pengyin (Wendy) Shan

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## SUMMARY

- Four years of experience, specializing in data and technology innovative solutions for large organizations
- Relevant Skills: Big Data Analysis and Virtualization, Digital Strategy and Deployment, Artificial Intelligence

## EDUCATION

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

## RELEVANT EXPERIENCES

Nov 22th, 2018	<b>1<sup>st</sup> Place, NET IMPACT CLUB - DESIGN THINKING CHALLENGE</b> • Exploited design thinking to create the program for the future education of Canada in a team of four	Toronto, ON, Canada
Nov 2 <sup>nd</sup> , 2018	<b>Final Round, THE THALES STUDENT INNOVATION - AI CHAMPIONSHIP</b> • Utilized power of the team of three to understand natural language processing algorithms in two weeks • Created a python program to perform sentiment analysis using dataset including 500,000+ items and predicted relations between the emotion of CEOs' tweets and stock price of their companies	Montreal, QC, Canada
Feb 2018 – July 2018	<b>Program Analyst, LIBRARY APPLICATIONS, UNIVERSITY OF BRITISH COLUMBIA</b> • 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	Vancouver, BC, Canada
2015-2017	<b>Web Developer, COMMUNICATIONS &amp; PUBLIC AFFAIRS, EMORY UNIVERSITY</b> • 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	Atlanta, GA, U.S.
2014-2015	<b>Application Developer/Designer, DISTANCE LEARNING, FLORIDA STATE UNIVERSITY</b> • 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	Tallahassee, FL, U. S.
June 2012 - Aug 2012	<b>International Quantity Assurance Internship, HYLAND SOFTWARE INC.</b> • 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	Westlake, OH, U. S.
Aug 2011 - Sep 2011	<b>Data Analyst Internship, GLOBAL BUSINESS SERVICES, IBM CHINA</b> • Optimized 155 Excel sheets for the most significant power holding corporation of China to reduce average preparation time of team by 20 minutes	Beijing, China
Aug & Dec 2012	<b>Trip Leader, BUCK-I-SERV VOLUNTEER TRIPS</b> • Coordinated trip workflows, designed team educational sessions and led teams of seven to volunteer in Minnesota and Michigan to remove 20% of harmful plants	U.S.

## ADDITIONAL INFORMATION

- Technical Skills: VBA, Excel, Java, Python, Machine Learning, Neural Network, Deep Learning, 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