

## Pengyin (Wendy) Shan

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### EXECUTIVE SUMMARY

- Four years of experience, specializing in data and technology innovative solutions for large organizations
- Relevant Experience: Artificial Intelligence, Big Data, Digital Transformation, System Architecture, Design Thinking

### 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> • Utilized design thinking methodology to create program for 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> • Cooperated with a team of two to research semantic similarity algorithms in natural language processing • 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 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 using design thinking and • 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 online exam appointment system for 500+ courses, reducing 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> • Facilitated VBA tutorial workshop to an international team of seven to teach the Macro-Enabled Excel Template, saving 30% of the team's 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 largest 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: HTML5, CSS3, LESS, JavaScript, AngularJS, node.js, Machine Learning, Neural Network, Deep Learning, Data Mining, Data Virtualization/Tableau, D3.js, VBA, Excel, Java, Python, SQL, Agile
- Oracle Certified Associate, Java SE 7 Programmer
- edX (BerkeleyX) Class Certification of Scalable Machine Learning and Introduction to Big Data with Apache Spark
- Giving public speeches in the Toastmasters International clubs since August 2017