GARY SHEN

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SKILLS

Languages: Java, C#, C++, R, Python, JavaScript/TypeScript, Ruby
Web: React, Redux, Knockout, Angular, Ember, Express, Django, Node, Meteor, Rails

Cloud: Azure, AWS, Firebase
DB: SQL, MongoDB
Machine Learning: Tensorflow, Keras, Scikit-Learn, Weka
Visualization: Shiny, Tableau, Excel

RECENT EXPERIENCES

Instagram/Facebook - Software Engineering Intern Jun 2019 - Aug 2019
Instagram Notifications Growth Team *Menlo Park, CA*
- Creating new experiences to acquire and retain users for the Instagram platform!

Microsoft - Software Engineering Intern May 2018 - Jul 2018
Azure Cloud Geneva Monitoring Team *Redmond, WA*
- Designed and launched an end to end service based on serverless cloud computing infrastructure that allows for designated response individuals to configure custom automation workflows involving monitoring and incident management enrichment actions; projected to free up 30,000 engineering hours per year.
- Created drag and drop tool for adding actions from third party providers to the automation framework.

Magnet Forensics - Software Developer Intern May 2017 - Aug 2017
Software Tools and Support Team *Waterloo, ON*
- Added smarter aggregation and filtering for forensics related data dashboards, including the ability to standardize data from multiple sources, add labels and and emit outliers; resulted in a more streamlined workflow for investigators dealing with increasingly large data sets; decreased average time per case related to data analysis by an estimated 12 hours per case (15%).

RESEARCH

Ivey Business School - Research Assistant Sep 2018 - April 2019
Managerial Accounting and Control, Supervised by Dr. Y. Shi *London, ON*
- Data mining/cleaning to examine the impact of institutional ownership on environmental, social, and governance (ESG) indicators, ESG voluntary disclosure, and ESG linked compensation.

Western University - Undergraduate Researcher Nov 2015 - Aug 2016
Innovation Centre for Information Engineering, Supervised by Dr. X. Wang *London, ON*
- Applied machine learning models to indoor locationing and activity recognition and implemented a technique for mitigating the impact of phone sensor differences.

PUBLICATIONS

A Novel WiFi-based Indoor Localization System 2017
- IEEE CSCWD, DOI 19.1109/CSCWD.2017.8066713

Mitigating Sensor Differences for Phone-based Human Activity Recognition 2016
- IEEE SMC, DOI 10.1109/SMC.2016.7844783

EDUCATION

Western University (BESc) and Ivey Business School (HBA) Sep 2015 - Apr 2020 (Expected)
Software Engineering and Business Administration - 91% Average, 3.9 GPA
- 2017 Ivey Alumni Association Toronto Chapter HBA Award, 2015 National President's Scholarship