Shelley Shen

CONTACT

- 🖳 chenleishen.com
- 🔗 in/chenleishen
- 🐙 github.com/chenleishen
- ✉ shenchenlei@gmail.com
- 📞 519-998-3578

SKILLS

Languages
Javascript (ECMAScript6), Python, Java, MATLAB, C#, C++, HTML/CSS

Database
Elasticsearch, PostgreSQL, MySQL, SQLite, MongoDB

Framework
Angular, Node.js, Express, Sequelize, Mocha, Chai, React, Browserify

Tools
Git, Phabricator, Docker, Gradle, Postman, Spark, Hadoop, Yarn, AWS, Falcon

EDUCATION

University of Waterloo

Systems Design Engineering

Class of 2019

Relevant Courses: Intro to Pattern Recognition | Software Design | Data Structures and Algorithm | Probability and Statistics | Introduction to Control Systems

EXPERIENCE

Trifacta · Software Engineering
Berlin, Germany | Sept 2017 - Dec 2017
- Introduced a workspace model in application: migrated the existing databases (**MySQL**, **PostgreSQL**) and aplication versions (Google Cloud Dataprep, Trifacta Wrangler Enterpresise) to the new model using **Sequelize** and **ES6**
- Designed and developed an algorithm to search a cross version file system (HDFS and DFS) based on Depth First Search algorithm
- Implemented an email and Slack connected notification system using **React** and **Server Side Events** that led to a reduction of HTTP overhead by 50%

Deloitte Innovation Lab · Software Product Designer
Kitchener, Canada | Jan 2017 - Apr 2017
- Performed text mining and sentiment analysis using **NLP** tools such as IBM Watson, Spacy and developed a data analsysis formula to discover and extract information on investment trends
- Scraped, collected and parsed more than **300,000 articles** and content from RSS feeds, Google Patents, World Bank and Crunchbase using **Python**
- Developed full stack **angular** and **node** app to display collected data using effective visulization (Highchart and D3.js)

CIBC Capital Markets · Application Developer
Financial District, Toronto, Canada | May 2016 - Aug 2016
- Researched and analyzed different methods of consuming **REST API**, then designed and implemented **.NET** prototype client application that consumes internal REST API for Bloomberg Terminal
- Tested and deployed the migration of data from **Sybase** to **Oracle**
- Replaced an existing **C#** charting library with Highcharts

Nokia · Software Designer
Ottawa, Canada | Sept 2015 - Dec 2015
- Successfully deployed two new features for Nokia's Network Services Platform product in **Java** that allows users to define primary and secondary network addresses and to define network addresses in both IPv4 and IPv6 formats leading to a higher level of usability and configuration

PROJECTS

Real Time Tic Tac Toe React, Node JS, Socket.io
Allows users on the same LAN to select players and play Tic Tac Toe match in real time
🔗 https://github.com/chenleishen/Real-time-Tic-Tac-Toe

Football Score Predictor Angular, Node JS, Falcon (Python), ElasticSearch
An app that predicts the score of a football game using logistic regression
🔗 https://github.com/chenleishen/football-predictor-frontend