



# Vanessa (Shuyi) Sun

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Computing and Financial Management |  <https://shuyisunvanessa.github.io>

 ShuyiSunVANESSA |  Vanessa(Shuyi)Sun

## SKILLS

### Programming:

- Java
- TypeScript
- Python
- C
- C++
- SOQL
- Excel VBA
- HTML
- CSS
- Bash Script
- Scheme

### Tools & Libraries:

- Git
- Android Studio
- Xcode
- Docker
- Studio3T
- Redis
- Dialogflow
- Salesforce
- Consul
- IntelliJ
- Sublime
- Vim
- Postman
- Jira
- Numpy
- Pandas

### Framework:

- Bootstrap
- AngularJS
- Spring
- Ionic

### Databases:

- MongoDB
- MySQL

## WORK EXPERIENCE

### KiiMibile Technologies Inc. | Software Developer

Jan 2018 - Apr 2018

- Created front-end mobile app for online order placement system using Typescript, Postman with AngularJS 2, Ionic, and Bootstrap
- Built and trained AI model for a CRM program using Dialogflow (Api.ai) which helped parse utterance queries and matched parameters in metadata
- Developed new features for an email reminder service by parsing and converting user input into query parameters in SOQL using IntelliJ, retrieving data from MongoDB and formatting data into a template in HTML with Spring framework
- Redeveloped email service for a CRM program to retrieve user data by making query through Salesforce API and matching user input with Salesforce metadata.
- Created multi-tenant web having CRUD functionalities for managing tenants, users and metadata with multiple language and country settings
- Efficiently detected and solved bugs in existing Java program using debugger tools from IntelliJ and reported issues in detail for record

### Hubei Chuhan Electronic Technology Co.Ltd | Accounting Assistant

Jul 2014 - Sept 2014

- Profound ability to effectively present performance report in department meeting
- Solid experience in business administration involved in research, marketing, planning, analysis and documentation of financial statements

## PROJECTS

### Data Analysis on Titanic Data | Data analytics using Python

- Used Numpy and Pandas to organize data and to retrieve statistical indicators
- Used Seaborn for data visualization on various statistical graphs
- Predicted future correlation between features and survival rate
- Applied feature engineering to drop unnecessary/bias features to avoid overfitting and underfitting

### Personal Website on Github | Website development using Github

- Built personal website that showcases my passion and blog
- Used HTML, CSS and Bootstrap framework

## ADDITIONAL EXPERIENCE

### Kitchener-Waterloo Chinese Student & Scholars Association | Sponsorship

Feb 2017 - Present

- Prepared documentation and presented to potential sponsors
- Successfully negotiated multiple deals for several events