

# Jojo Xiaojing Huang

4<sup>th</sup> year Student in Computer Science, expected graduation date: Dec 2019

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Github page: <https://github.com/jojoxiaojing>

## Technical Skills

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- Programming Languages: Java, JavaScript, JQuery, TypeScript, HTML5, CSS, SQL, C++, Node.js, x86 Assembly, Python, Golang
- Statistics & Maths Software: R, Matlab, Julia
- Tools/Frameworks: Git, GitHub, JUnit, UML, IntelliJ, WebStorm, Sublime Text, Stata, Tableau

## Work Experience

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**Arista Network, Vancouver, Canada**

**Jan 2019 - Apr 2019**

**Cloud Software Engineer** *Golang, Python*

- Built network analysis models in Golang independently using the internal data stream processing framework
- Optimized internal data stream processing framework by introducing an extra layer of local data flow, which significantly reduced the unnecessary network traffic to the internal data warehouse.
- Collected large volume of real network data with Python script for integration tests

**SAP Canada, Vancouver, Canada**

**May 2018 - Dec 2018**

**SAP EPM Support Engineer** *React, HANA Database*

- Investigated customers incidents by debugging the E2E workflow in customers' system remotely
- Provided customers with solutions for the configuration issues
- Communicate with engineers from different teams about the investigation results of customers incidents
- Created and updated internal knowledge basement articles for future reference

**Reiscontrol Management Consulting CO, LTD, Shanghai, China**

**May 2015 - Jun 2016**

**Management Consulting Assistant**

- Interviewed staff in client companies, explored their business flow and information systems to identify problems and provide solutions
- Established risk database, and built specific business models to warn customers with internal control risks

**BDO China CPAS LLP, Fuzhou, China**

**Nov 2014 - May 2015**

**Financial Audit Assistant - Intern**

- Audited the financial statements; finished audit working paper in auditing required procedures

## Personal Projects

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### **SAP EPM-team Incident Management Tool** *React, CSS, HTML, HANA* **May 2018 – Dec 2018**

- Built web-based UI based on SAP HANA API to manage the internal incident dispatching
- Designed incident dispatching algorithm based on team policies and engineers' expert level
- Designed and implemented the network layer that interacts with SAP HANA APIs

### **DFans App** *JavaScript, CSS, HTML* **May 2017 - July 2017**

- Used Charles and Wireshark to monitor and analyze the network communication of Weibo.com
- Help users handle everyday Weibo interaction (including voting, repost, etc...) automatically by mocking network request
- Designed and Implemented UI with Sketch and frontend web technique

## Academic Projects

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### **FTP Client and Server** *Java, C++* **Jan 2018 - May 2018**

- Implemented FTP Client protocol with Java Socket API, which can connect to most public FTP servers stably and support major FTP commands
- Implemented FTP server protocol in C++ with Unix Network API, which supports major FTP commands and allows FTP connections from multiple clients

### **Hospital Patient Management System** *SQL, JavaScript* **Jan 2018 - May 2018**

- Designed ER diagram for patient management system according to the workflow in hospitals
- Setup and maintained PostgreSQL database and implement database connection
- Designed and implemented UI for different end users, including patients and hospital staffs with JavaScript, HTML, and CSS

### **InsightUBC Web App** *Node.js, TypeScript* **Sep 2017 - Dec 2017**

- Crawled data from UBC website with Request and Parse5 libraries
- Implemented a simple data storage and information retrieval system
- Implemented simple data query language which supports most commonly used SQL clauses such as WHERE, ORDER
- Created REST APIs for data query using Restify and Node.js

## Education

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### **University of British Columbia**, Vancouver, BC **Sep 2016 - Dec 2019**

Bachelor of Computer Science

- GPA:3.7/4.33

### **Minjiang University**, Fujian, China **Sep 2011 - Jun 2015**

Bachelor of Management: Accounting

- GPA: 3.95/4.33
- Won the Scholarship of New Huadu Elite Freshman Scholarship 2011
- Won the Scholarship of New Huadu Elite Graduate Student Scholarship 2015