Bo Liu

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Highlights of Qualification and Skills

- Major in **Cloud Computing**, **Statistics** and **Neuroscience**.
- SAS Base and Advanced Programmer certification.
- Programming Languages: MATLAB, R, SAS, MySQL, Python and JavaScript.
- Frameworks: ReactJS, Docker, Kubernetes, Helm, OpenDaylight.
- Technologies: RESTful Service, Object-Oriented Design, Software Defined Network.
- Tools: Git, Linux Shell, Postman, Mininet, Terraform, Ansible, Jenkins.

Education

Graduate Certificate – Cloud Computing cGPA 92/100   Jan 2022 – Present
Humber College, Toronto, Canada
Honor Bachelor of Science – Statistics and Neuroscience   Sep 2015 – Jun 2019
University of Toronto, Toronto, Canada

Work Experience

Full-stack Software Developer   Feb 2020 – May 2021
BlueLight Media Inc., Vancouver, BC
- Designed, constructed, modified, integrated, and tested data models and database management systems (MySQL and Python) for: Sales data ($100K per month); Client inquires data (50+ inquiries per day); Website and WeChat Mini Program visitor data (500+ active visitors per day).
- Operated database management systems (MySQL and Python) to analyze data and using machine learning algorithms for data mining.
- Modified, optimized, and implemented webpage, WeChat Mini Program, and advertisement contents on 100+ Ads display kiosks contents using HTML, bootstrap and ReactJS based on database and customer behavior.

Full-stack Software Engineer Internship   Oct 2019 – Jan 2020
U-pool Technology, Vancouver, BC
- Compiled the software design documentation and business plan targeting 100+ daily active users.
- Designed the core features of UI and administration platform with Html5 and ReactJS.
- Executed the design of token transaction tool through Klaytn blockchain network.
- Implemented the connection of MySQL database and online chat tool.
- Updated the styles of the UI and administration platform using CSS3/SCSS and bootstrap.
- Ensured code qualities by performing code reviews on GitLab collaborated with other team members.

Full-stack Software Engineer in Training   Apr 2019 – Jul 2019
Futurera Technology, Toronto, ON
- Worked in a weekly sprint agile setting.
- Implemented the core features of UI with Html5, ReactJS and React redux.
- Updated the styles of the UI using CSS3/SCSS and bootstrap.
- Executed the business logics of core features using NodeJS and MySQL.

Neuro-Engineering Lab Research Assistant   Jun 2018 – Aug 2018
National Chiao Tung University, Hsinchu, Taiwan
- Conducted experiment in Motor Imagery using wet and dry type EEG device.
- Illustrated experimental procedure and lab safety instructions to participants.
- Used MATLAB to analyze data for 10 participants.
- Graphed and organized experimental results for presentation and report purpose.