**Lun Ji**

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Junior full-stack developer with a background in Biochemistry. I have a solid understanding of mathematics and good logic thinking. My passion for learning things under the hood and solving complex problems makes me interested in solving problems with clean and efficient codes. My experience with ecommerce product development also gives me the skillset to bridge the gap between web development and design. **Skills include:**

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| **LANGUAGES:** JavaScript, HTML, SQL, CSS, Python, VBA, C++ |
| **FRAMEWORKS/ LIBRARIES / ENVIRONMENTS:**  NodeJS, ReactJS, Express, Rails, Sockets.io, WebSockets, jQuery, AJAX |
| **DATABASE:** PostgreSQL, Access |

**Projects**

**Scheduler:** An online appointment booking system.

Frameworks: Express, Node, React, WebSockets, Webpack

**Wiki Map:** An album of worldwide maps

Frameworks: Express, jQuery, Node, SASS, PostgreSQL, Leaflet API

**Tweeter:** Twitter clone powered by AJAX

Frameworks: Express, jQuery, Node, SASS, PostgreSQL

**Education**

**Lighthouse Labs**

FUll-stack web development bootcamp | Vancouver, BC

**Master of Science in Biochemistry**

University of british columbia | Vancouver, BC

**Bachelor of Science in Forestry**

University of british columbia | Vancouver, BC

**Professional Experience**

**JK Custom Guitars & Repairs** • Vancouver, BC • 2021

**Co-Founder and Web Developer (To be Finished)**

* Made the company website by Express, jQuery, Node, SASS, PostgreSQL. Manage the inhouse inventory system and share information with customers.
* Built handmade guitar from scratch, from design, material selection, making components to assembling and surface finishing.

**Innovation center (R&D), P&G** • Beijing, CHINA • 2019-21

**Technology Manager**

* Design and deliver end to end package solution for Asian Dry Laundry Fabric Care Business. Developed new online selling package technologies and successfully driven launches of Downy FHC laundry foam and SUDs in Korea, China and Philippines.
* Collect, analyze and visualize data from production to selling using Python, JMP, Golden Pocket and Tableau. Provided solutions to ecommerce product design, supply chain and manufacturing optimization.
* Working close with various BUs. Manage fast, complex detergent initiatives from concept design, product and process design through the supply chain startup.
* Developed and commercialized recyclable package material, bringing in a cost saving at the mean time. Initiated and lead the project of advanced compostable material.

**Advanced Renewable Material Lab, UBC** • Vancouver, BC • 2016-2019

**Graduate Researcher**

* Developed a new technique that significantly improved the accuracy of characterization of lignocellulose.
* Established and evaluated lignin-based carbon fiber and renewable catalyst for nanocellulose prototypes utilizing electrospinning, sonication, and thermal and mechanical analysis.
* Achieved publication in Green Chemistry for an entry entitled Greener Isolation of Phenolic Monomers from Kraft Lignin using Magnetically Recyclable TEMPO Nanocatalyst, 2019,21, 785-791.