

Chaoer Liang (Anna)



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Address
207-13550 Hilton Road, Surrey, BC

+ EDUCATION

- Simon Fraser University, Burnaby, BC January 2020 - Present
BSc. Computer Science – Software Systems(third year)
- Coquitlam College, Burnaby, BC January - December 2019
University transfer program
- BrainStation, Vancouver, BC September - November 2017
Certificate of Web Development(Bootcamp)

+ TECHNICAL SKILLS

- Programming Languages/Tools**
Python, Java, C, C++, JavaScript, MATLAB, SQL Server, JQuery, PostgreSQL, Node.js, JSON, Github, Gitlab
- Web Design**
HTML, CSS, Bootstrap, Wordpress
- IDE**
Visual Studio, IntelliJ, Android Studio, Eclipse
- Spoken Languages**
English, Chinese(Cantonese, Mandarin)
- Operation Systems**
Mac OS, Windows, Linux
- 2D/3D Graphic Design**
Illustrator, Photoshop, AutoCAD, Sketchup
- Others**
Microsoft Office Suite, Class 5 driver's license

+ PROJECTS

- Parent app - Java in Android Studio** October 2021
 - Managed teamwork using agile development.
 - Created children's name list with adding, removing, and updating features.
 - Implemented singleton design pattern to manage GUI and model class.
 - Displayed children's name on each added task for "who's next" in turns.
 - Visualized text timer with a progress bar and provided speed options for parents to "tune" time
- Election Database - SQL Server** October 2021
 - Imported election results data from Excel files and manually corrected minor input errors
 - Setup relation tables and variety of constrains
 - Used Trigger to restrict table update or delete.
 - Implemented data queries in stored procedures.

+ PROJECTS(CONTINUED)

- To-do list - Java** **July 2021**
 - Employed Java Swing library for GUI display such as listing tasks, buttons, and calendar.
 - Used MVC design pattern to manage GUI and model class.
 - Requested Bored API to generate json content for new tasks.
 - Deserialized/serialized json file for the application
- RobotC Virtual World - C** **June 2021**
 - Implemented specific motion functions so that the robot could finish different kinds of physical tasks such as rotating wheels in certain angels, lifting up and down barrels and collecting minerals with sensors.
- rubanbuilders.com(business website) - Wordpress, cPanel** **August 2018**
 - Established website pages with specified content and images including language switch feature
 - Displayed carousel image gallery, dropdown menu, and geographic location with Google Maps
 - Setup https certificate and created contact form with reCAPTCHA security check.
- Client Contact Form - HTML, CSS, JQuery** **January 2018**
 - Built a modern design contact form with HTML and advance CSS library Materialize so that it was user-friendly and was fitting on any screen size with dynamic event handling.
 - Implemented functions for input validation with JQuery such as character check, date validation

+ EMPLOYMENT

- Junior Software Developer, Jane App, North Vancouver** **April - June, 2018**
 - Debugged the app using black box testing with customer support team weekly
 - Unit tested at backend system via Honeybadger with Ruby
 - Developed simple features such as displaying number of appointments remaining on folded content by using Javascript.
- Business Developer, Westview Investment, Coquitlam** **October.2016 - September.2017**
 - Generated interior and equipment drawings by using AutoCAD/ Sketchup.
 - Responded emails and phone calls from suppliers and contractors on daily basis.
 - Planned grocery market developments such as store interior design and marketing promotions.
 - Created and analyzed equipment specifications and pricing with Microsoft Excel.
 - Reported important issues to manager and solved them with minimum cost and time.

+ VOLUNTEER

- Web Developer, Vancouver Startup Week** **July, 2018**
- Technical Mentor - Canada Learning Code** **February 2018**