

Ricky Liangyu Zhu

UBC 4th-year Computer Science Undergrad

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github.com/zhuliangyu zhuliangyu.github.io/portfolio/

Education

Computer Science Major	Sep 2018 - Current
University of British Columbia	
Year 4	
Master of Finance (MSc)	2009 - 2011
University of Illinois Urbana-Champaign (U.S.A)	
Bachelor of Finance	2003 - 2007
Xiamen University	

Professional Experience

Full-stack Developer	Feb 2018 - Aug 2018
Ewifi.ca (Jetfi Canada)	

- Developed controllers for MVC models in Ruby on Rails
- Integrated several RESTful Web APIs (Stripe, Twilio, etc) and posted and parsed JSON from Servers
- Programmed and managed of PostgreSQL database by Object-relational mapping tools(ORM)
- Worked with designers to convert Photoshop PSD UI designs to HTML and CSS and build responsive websites templates by Bootstrap

Junior Web Developer	Jan 2017 - Feb 2018
Fooshion Style Holding LTD (Vancouver)	

- Developed responsive websites using HTML(ERB templates), CSS(Sass and Grid Layout), JavaScript(Typescript, JQuery) and responsive UI framework (Bootstrap / Wexin UI Kit) according to Sketch/Zepplin or Photoshop design(PSD)
- Assisted in compiling Hybrid application (Ionic Cordova) and published to both Android and iOS market
- Assisted business owner to write Product Requirements Document (PRD) and collect requirements from business

Web Developer	May 2016 - Aug 2016
CopierCopier.com (Vancouver)	

- Developed and deployed a new website based on WordPress and WooCommerce and incorporated SEO thereby resulting in Google's top 2 search ranking
- Created HTML email templates and newsletters for e-mail marketing campaigns using SendGrid and MailChimp
- Implemented custom Javascript scripts using various APIs such as Mixpanel, PureChat, Facebook and Google Maps.

Data Analyst	Sep 2012 - May 2014
Industrial Bank Co.,Ltd (China)	

- Used ETL (SSIS) to develop jobs for extracting, cleaning, transforming and loading data into a data warehouse
- Used Microsoft Reporting Services platform (SSRS) to create parameterized reports, Drill down and Drill through reports
- Wrote Microsoft Visual C# and SQL in script component of SSIS

Portfolio

Way2Recycle (React.js, Redux, Node.js, MongoDB)

way2recycle.herokuapp.com

Way2Recycle serves people's daily needs to exchange second-hand goods. At Way2Recycle, users can post, browse, search, edit, delete items, with uploaded pictures and visualized geographical locations. First-time visitors can choose between registering a new account and signing in through Google two-step authentication. Through this easy-to-use platform, Way2Recycle provides a standard RESTful API for future developers to extend our services in future.

MessageBox (React.js, Redux, Express.js, MongoDB)

message-react-redux.herokuapp.com

MessageBox is a side project for managing personal messages received from different platforms. It uses React.js frontend with RESTful Express.js backend. React.js request asynchronous calls to communicate with API server to manage data in MongoDB.

Ewifi.ca (Ruby on Rails, PostgreSQL, MVC, Git, AWS)

- Full-cycle development from scratch to delivery and worked as the main programmer of this project
- Built-in controllers for MVC model operates in Ruby on Rails
- Manipulated database records with Rails Console, and setting validations and Strong params in the model.
- Extensively used form_for and form_helpers when building up forms, and built up the whole admin/client dashboards from scratch.

Technological Proficiencies

- JAVA
- JavaScript
- Ruby
- SQL
- LINUX & AWS
- GIT
- ORM & MVC