Peng Zhang (Ivan) 🐙 in

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Work Experience

- Envisio Solution Inc., Full-Stack Developer, Sep 2018 ~ Present
  - Cooperated with developers to write automated tests for significant features using Ruby and Selenium.
  - Upgrade old features and build new product features using React, Redux, GraphQL, PostgreSQL, CoffeeScript, and Ruby on Rails.
  - Cooperated with developers to improve the performance of product features.

- Mathison Academy, Robotic Design Tutor, Apr 2018 ~ Present
  - Help 10-12 years old students learn fun robotic design which is aimed to promote students study and inspired by Science, Technology, Engineering, and Math.

Projects

- Wstore, May 2019 ~ Present
  - Create a meteor app for local sale based on Reactjs, Reduxjs, MongoDB and Express/Node from scratch.
  - Design and implement user login management system with customized UI and authetication step.
  - Connect AWS S3 to our app to store the images of posts.

- Envisio Web App of Rewriting Employee Management System, Nov 2018 – Jan 2019
  - Rewrite out of date, flux structured employee management page with React, Redux, Ruby on Rails, Graphql, PostgreSQL structured.
  - Practise with immutable and mutable object with lodash. Practise with Graphql to acheive mamximum performance fetching data.
  - Using different libraries and APIs to solve different kind of problems such as using lunrjs to solve smart search, using validatejs to validate form easily, etc.
  - Practise with redux to store that identitfy when to use local state and redux state .

- Envisio Web App Progress Tracker, Jan 2019 – Present 2019
  - Setup a heroku follower Database configuration for the app to make read process faster
  - Collect and prepare customized data with Ruby on Rails.
  - Create automated task to run everyday to collect data and export into visualization.

- Envisio Web App of Custom Fields in Strategic Plan, Jan 2019 – Present 2019
  - Create multiple fields that can be customized by admin user for employee to use.
  - Communicate with other developer and change their code to add this new feature with Reactjs, GraphQL, Ajax, jQuery, CoffeeScript, Haml, Ruby on Rails, etc.
  - Set different access for different users such as readonly, editable, and invisible.

- Envisio Web App QA , Sep 2018 – Nov 2018
  - Create robust, browser-based regression automation suites and tests with Selenium in Ruby on Rails.

Education

- University of British Columbia(Vancouver), Bachelor of Science-Major in Computer Science, 2016 ~ 2019

- University of British Columbia (Okanagan), Bachelor of Applied Science, 2015 ~ 2016