Julius Villamayor

juliusvillamayor.com
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Skills

- JavaScript, CSS, HTML
- React, jQuery, Backbone
- Java, Intellij
- Docker, Kubernetes
- Chef, Terraform
- Prometheus, Grafana
- REST, Spring, Express
- Gradle, Jenkins
- Python, TensorFlow
- Xcode, Android Studio

Education

University of Victoria
BSc Computer Science & Psychology Combined
2013 - 2018 | Victoria, BC

Vancouver College
High School Diploma
2008 - 2013 | Vancouver, BC

Courses

React Bootcamp
- Udemy - Hooks, Context, NextJS, Router

Docker Mastery
- Udemy - with Kubernetes and Swarm

Achievements

2019 VIATEC Finalist
- Innovative Excellence - Hardware

CES 2019 Exhibitor
- Represented Ergonomyx Technologies Inc.

Entrance Scholarship
- UVic, Awarded 2013

Experience

Jan 2021 - Present

DevOps Engineer
Rakuten, Inc., Tokyo, Japan
- Improving developer experiences and workflows within Rakuten
- Managing IaaS + PaaS pipelines (Terraform, Chef, Kubernetes)
- Handling dev requests, provisioning and scaling cloud resources

Mar 2020 - Dec 2020

Full Stack Web Developer
Exan Software, Coquitlam, BC, Canada
- Development for industry-leading web-based dental software (SaaS)
- Grails/Spring backend and Backbone.js SPA frontend
- Supported app across multiple versions & clients in an Agile team

Aug 2018 - Sep 2019

Full Stack Mobile Developer
Ergonomyx Technologies Canada Inc., Victoria, BC, Canada
- Cross-platform mobile app development with Xamarin, C#, XAML
- RESTful API development with Node.js, PostgreSQL
- Scripting with Raspberry Pi, Python, Node.js

May 2017 - Dec 2017

Research Assistant/Data Analyst Co-Op
BC Ministry of Energy, Mines, & Petroleum Resources, Victoria, BC, Canada
- Compiled data from inspection reports from mine visits in BC
- Reported on noncompliance trends
- Quality Assurance of the BC Mine website (mines.nrs.gov.bc.ca)

Projects

2020

Color Palette Picker
color-palette-picker.netlify.com
- A Web App for building and using custom color palettes
- Uses React, React Router, and Material UI
- Source code: github.com/villama/color-palette-picker

2018

Recurrent Neural Network and Human Randomness
github.com/villama/rnn-human-randomness
- A recurrent neural net for predicting random moves within a 4x4 grid
- Predictions were 33% better than chance
- Used Python, Keras/TensorFlow, Javascript, PHP, and SQLite

2018

CIFAR-10 Convolutional Neural Net
github.com/villama/cifar-10-cnn
- A convolutional neural network designed for use with CIFAR-10
- Achieves an accuracy of 72% classifying images across 10 categories
- Used Python and TensorFlow