

Julius Villamayor

Tokyo, Japan

juliusvillamayor@gmail.com
linkedin.com/in/juliusvillamayor
github.com/villama
juliusvillamayor.com

Education

University of Victoria

2013 - 2018

BSc Computer Science & Psychology Combined | Victoria, BC, Canada

Skills

Programming Languages: Java, JavaScript, TypeScript, Python
Frameworks + DBs: REST, gRPC, Spring, Micronaut, Express.js, PostgreSQL, Kafka
Web Technologies: JS, CSS, HTML, TypeScript, SASS, React, Next.js, jQuery, Backbone
Infrastructure + Monitoring: Docker, Kubernetes, Chef, Terraform, Prometheus, Grafana
IDE + Tooling: IntelliJ, Visual Studio Code, Xcode, Android Studio, Gradle, Jenkins

Experience

Rakuten Group, Inc., Tokyo, Japan

Feb 2022 - Present

Application Engineer

- Development of global shipping calculation platform
- Development of data streaming platform (e.g. real-time shopping points)
- Using Java, REST, and gRPC, with Kafka, Couchbase, and Cassandra DBs

Rakuten Group, Inc., Tokyo, Japan

Jan 2021 - Mar 2022

DevOps Engineer

- Development of Java microservices for internal cloud platform
- Development of IaaS and PaaS tools (Terraform, Chef, Kubernetes)
- Provisioning and scaling of cloud resources and pipelines

Exan Software, Coquitlam, BC, Canada

Mar 2020 - Dec 2020

Full Stack Web Developer

- Development of industry-leading web-based dental software (SaaS)
- Development of Grails/Spring backend and Backbone.js, Vue.js SPA frontend
- Multi-version development for clients with unique requirements

Ergonomyx Technologies Canada Inc., Victoria, BC, Canada

Aug 2018 - Sep 2019

Full Stack Mobile Developer

- Cross-platform mobile app development with Xamarin, C#, XAML
- Development of Node.js + Postgres REST API, Python + Node.js shell scripting
- Flask web frontend development for API GUI

Projects

Color Palette Picker

2020

github.com/villama/color-palette-picker

- A Web App for building and using custom color palettes
- Used React, create-react-app, React Router, and Material UI
- Hosted at color-palette-picker.netlify.com

Recurrent Neural Network and Human Randomness

2018

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, SQLite
- Archived study hosted at fourbyfour.herokuapp.com

Convolutional Neural Net

2018

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

Achievements

2019 VIATEC Finalist

- Innovative Excellence – Hardware

CES 2019 Exhibitor

- Represented Ergonomyx Technologies Inc

Entrance Scholarship

- UVic, Awarded 2013

Self-Study Coursework

React Bootcamp

- Udemy - Hooks, Context, NextJS, Router

Docker Mastery

- Udemy - Kubernetes, Swarm

Responsive Real-World Websites with HTML and CSS

- Udemy - Modern HTML5, CSS3, and web design