

Eric Mok

New York City | (646) 580-7032 | <http://eric.bio> | ericmok2@gmail.com

Education

B.S. in Computer Science, May 2012 - Stony Brook University

Skills

Code: Java, HTML, CSS, Javascript, Typescript, Node, Python, Django, React, Angular 1.x

Tools: Git, Grunt, Gulp, Webpack, Browserify, Mocha, LESS, Docker, Bootstrap, Linux, Ubuntu

Projects

Reinforcement Learning Toy - <https://github.com/ericmok/reinforcement-learning-toys-kt>
Implementation and study of reinforcement learning algorithms in Kotlin and React.

Android Game - <https://ericmok.github.io/android-rts-game>

Java game engine written from scratch that runs on Android. Custom multi-threaded architecture, entity-component framework, physics engine, and graphics pipeline. Optimized heap performance.

Neural Network - <https://github.com/ericmok/neuralnetwork>

Implementation of feedforward neural network written in Javascript and later changed to Typescript.

Blog With Post Diffing and Recursive Commenting - <http://blog.eric.buzz/#/revisions/2/4>

Experiment with AngularJS, Django Rest Framework. Used Python's Natural Language Processing Toolkit to diff posts by their sentences and make each sentence commentable by another post.

Experience

IT and Office Assistant - Glopack, Inc, New York, NY - Dec 2015 - Current

- Built simple brochure website (superbasketglopack.com) using Cartridge / Django
- Consulted on and wrote specs to facilitate upgrade of in-house ERP database application
- Used Adobe Illustrator to layout client artwork in products

Web Developer / eCommerce Operator - Anzor Jewelry Corp, New York, NY - June 2012 - 2018

- Built tools to renormalize company's existing product database and ported it to ecommerce platforms including BigCommerce and Etsy (MongoDB, Jupyter notebooks)
- Developed a more responsive website (anzordiamonds.com) to supplement aging website
- Operated eBay Power Seller account and updated seller listings to comply with changing eBay HTML policies

Web Developer - Earring King Jewelry, New York, NY - June 2012 - 2013

- Built website (ekjewelry.com) using Django, Grunt, and Angular. Photographed products.