Maxim Vodkin

Web Developer

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PROJECTS

Pixl — Stack: Ruby on Rails, React, HTML Canvas, PostgreSQL

App for creating and sharing pixelated drawings. live github

Pushes React to its limits by rendering a grid of 2500 elements to create a drawing surface. Uses HTML Canvas and DOM manipulation to render images from arrays of colors. Built with highly reusable React components.

Maxalaga — Stack: JavaScript, HTML Canvas, Easel.js

A browser version of the classic 80's arcade game, Galaga. live github

Easel.js Ticker controls framerate and ensures smooth animations. JavaScript keyboard event listeners provide responsive controls. Employs custom hit detection by calculating the distance between projectiles and objects.

Chess — Stack: Ruby

Chess playable in the command line interface. github

Pieces use class inheritance to achieve DRY code. The Colorize gem enables the rendering of a chess board in the console.

EXPERIENCE

Pena & Kahn, PLLC — *System Administrator/Senior Paralegal*

NOVEMBER 2012 - APRIL 2016

Held case management software administrative privileges and assigned usage rights for staff of over 50. Trained all new hires in the use of Smart Advocate case management software. Troubleshot dozens of Smart Advocate issues every week. Worked directly under the Head Trial Attorney, on cases valued at up to 8 figures; Drafted documents that required minimal attorney revision;

Freelance — *Cinematographer, Videographer and Camera Assistant*

JUNE 2008 - OCTOBER 2012

Selected lenses, framing and exposure to create dynamic images; managed crews of up to 15 people.

SKILLS

Ruby/Rails, JavaScript (ES6), React/Redux, SQL, HTML5, CSS3, Object-Oriented Design, Test-Driven Development, Git

EDUCATION

App Academy,
New York, NY
JULY 2016 - NOVEMBER 2016

1000 hour web-development school that teaches Ruby on Rails, JavaScript, TDD and Computer Science fundamentals.

New York University,
Tisch School of Arts
SEPTEMBER 2005 - MAY 2009

Film and Television Arts. Crewed on over 50 student and independent projects.

LANGUAGES

English, Russian