

Matt Novenster

Quantum Mechanic • Full Stack Developer

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Experience

Parenthetical Enterprises LLC

June '16 - Present

Owner

New York, NY

- Freelance web development
- Design and execution of [knttl.co](#) and [podcastinet.com](#) in **Postgres**, **Common Lisp**, and **Elm**
- Implemented **Dokku** containerization for ops

Octopart Inc.

February '15 - June '16

Software Engineer (Full Stack) / Product Owner

New York, NY

- Collaborated on backend migration of seven year old **Python** codebase from Pylons to Flask
- Implemented a unified, **responsive design** / modernized css
- Designed **React** UI for login/logout
- Developed in-house workstation for **entity resolution**
- Developed procedures for and performed **AB tests**
- **Maintained** and added features to company wordpress blog
- **Managed** roadmap for product pages

University of Waterloo

'13 - '14

Research/Teaching Assistant

Waterloo, Ontario, Canada

- Wrote software for and performed experimental data analysis for quantum information lab

Google Summer of Code

'10

Gnome Desktop - Gnome Shell

- Wrote **C** and **Javascript** to display rich, interactive notifications for desktop applications

Skills

Python (Flask, sqlalchemy) / **Javascript** (React, Elm, lodash, jQuery, Backbone, Gulp, Grunt) / **Common Lisp** (Clack, Crane) / **Ruby** (Rails, ActiveRecord) / **Design** (UX, wireframes) / **HTML5** (schema.org) / **CSS** (sass, bootstrap) / **DB** (postgres, elasticsearch, mysql) / **TDD** (RSpec, unittest, prove) / **Ops** (Docker, Dokku, Ansible, AWS S3, AWS EC2, DigitalOcean) / **Analytics** (AB Testing, analytics.js)

Projects/ Open-Source

Knttl

Live

Simple sharing platform for yarn craft patterns written in **Common Lisp** using **Clack**

Clack Static Asset Middleware

GitHub

Cache-busting middleware for the **clack** web framework

Bük

GitHub

Social platform for tracking reading lists built with **Ruby on Rails** and **Backbone.js** with user notifications, unified search, and multiple sign-on.

Chirp

GitHub

Microblogging site using **Common Lisp** and **AngularJS** using websockets

Map

Example ● GitHub

Matrix algebra package for **Common Lisp**

Rhythmbox Contributor (2006-2010)

Gnome Git

Original Last.fm streaming plugin in **C**, iTunes podcast link support, expanded python bindings

Education

App Academy

September - November 2014

Full Stack Web Development Course

New York, NY

Colgate University

2007 - 2011

Bachelor of Arts in Physics, German Minor

New York, NY

GPA 3.2, Dean's List, Honors in Physics