

DEREK MCTAVISH MOUNCE

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software developer and architect - fine-art dropout - commercial director for six years
produces music - designed and lives in a micro trailer home

cv 2015

PYTHON

pyramid / pylons
sqlalchemy
bottle
mongoengine
flask
django
tornado

BACKEND JAVASCRIPT

node
express
mongoose
hapi
loopback

FRONTEND JAVASCRIPT

jquery
knockout
canjs
durandal
backbone
spine
angular
ember
react

DB

mysql
postgres
mongo
redis

PHP

drupal
wordpress
typo3

WEB

HTML5
CSS3
SVG
canvas

MISC.

c/c++
go
c#
qt

LINUX, WINDOWS, MAC

nginx
apache
general sysadmin

VISUAL

photoshop / illustrator
after effects / premiere
gimp / inkscape
blender

AUDIO

studio one
logic
ableton live
protocols

ENGINEERING

solidworks
autodesk inventor
bricscad

SILKSEED

FOUNDER

Social network startup designed around the premise of supporting other people's goals. Included API-based pluggable extensions/apps among a both of other rediculously over the-top [yet cool] features

LASCAUX+MONDRIAN

ARCHITECT

Python development framework designed to support web, desktop and mobile targets. Mondrian is a backend-agnostic ORM able to support a relational DB, "NoSQL," flat file, -- easy to implement new backends in about 300-500 lines of code.

MONTRÉAL PYTHON

ORGANIZER

Helped win the bid to bring PyCon International to Montréal for 2014-2015.

STARTUPIFIER

CO-FOUNDER / ORGANIZER

group dedicated to getting students and recent graduates involved in starting startups

UX FIX MONTRÉAL

PRIMARY ORGANIZER

ux testing event that brings users and product developers together

ARTPAKT

DEVELOPER

Prototyped a plugin-based visual effects compositing software in Python, then ported to C++ using FLTK and then QT.

MYNO MICRO TRAILER

Using Inventor and an industrial CNC router, designed and manufactured a 4x8' fully livable trailer with an aluminum frame as an experiment in minimalistic living. Currently designing an improved version.

Infusion

2014-Current

Software Consultant - MetLife

Both designed and developed an insurance estimate proof-of-concept for MetLife. Worked directly with sales to deliver this in a short timeframe.

Software Consultant - Pearson

Responsible for the bulk of the work in adapting a complex Javascript codebase originally written for iOS to work in Win8.

Team Lead - Pearson

Involved in the hiring and training of a team of 20 people to remediate ~10k pieces of content to work on both iOS and Win8.

PasswordBox

2013

Consultant

Was brought in to diagnose performance issues in their cross-browser extension codebase. After improving performance significantly, developed a search API to decrease local processing times.

RadialPoint

2012-2013

Developer

Worked in Python and Javascript to deliver an online/desktop hybrid support solution to Dell.

Senior Developer - Research and Development

Promoted to lead of development on new experimental products. Work centered around realtime messaging and mobile streaming video.

Ubity

2010-2012 / 2013

UX Designer / Frontend Developer

Completely reimagined, redesigned, and implemented the user interface for Ubity's telephony admin software.

Senior Developer

Developed a highly scalable statistics framework and UI to meet a client's requirements.

Senior Developer

Designed, architected, and developed an IVR editing interface for clients to configured their phone menus.

Freelance

2006-2010

Parseworks - Language learning tool that quizzes users on the lexical forms of Greek words.

Barefoot Motors - Developed custom CMS and eCommerce platform for the electric vehicle manufacturer.

JustSaySpots - Production and ordering portal for radio commercial production company. Handled orders, invoicing, and workflow.

Radio Advisory Board - Custom nation-wide radio sales survey platform.

Production Specialists - Designer / Directory of Photography / Director

KLHU-CA - Motion Graphics Designer